# Contribution to the Wikipedia Circle of Confusion Article

My claim to having authored the CoC equation documented at Wikipedia: Circle of Confusion

# Michael K. Davis February 2017

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I am the author of the Wikipedia *Circle of Confusion* article's equation for calculating a **CoC** diameter that will take into account the anticipated image viewing distance, the user's desired final-image resolution (in lp/mm) for a 25cm viewing distance and the anticipated enlargement factor.

The equation has withstood the test of time in the Wikipedia crucible of debate since March of 2007 - almost ten years and counting – without contention from other contributors.

Quoting Wikipedia's <u>Circle of Confusion</u> article, here is the text of my contribution:

All three factors above are accommodated with this formula:

CoC (mm) = viewing distance (cm) / desired final-image resolution (lp/mm) for a 25 cm viewing distance / enlargement / 25

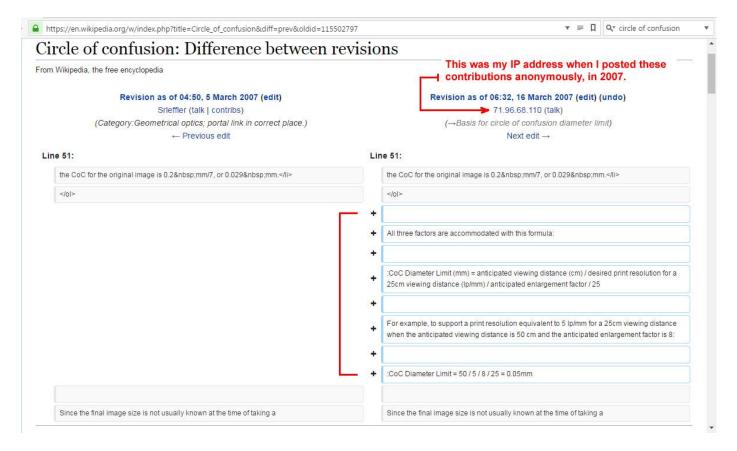
For example, to support a final-image resolution equivalent to 5 lp/mm for a 25 cm viewing distance when the anticipated viewing distance is 50 cm and the anticipated enlargement is 8:

$$CoC = 50 / 5 / 8 / 25 = 0.05 \text{ mm}$$

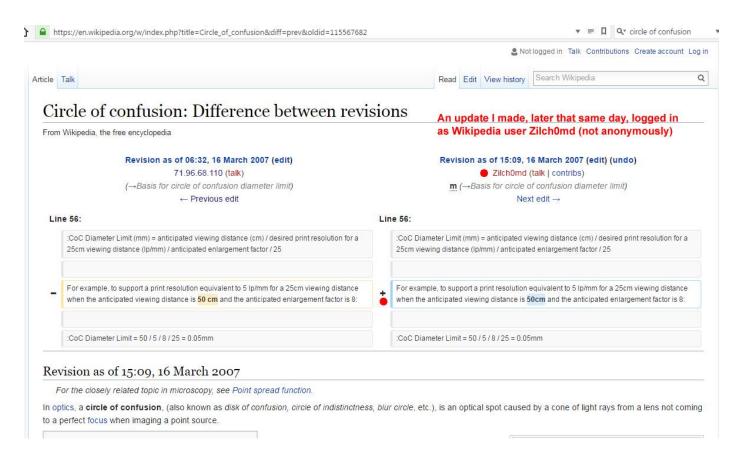
The following pages of this document contain some annotated screenshots which support my contention.

Despite my having contributed the CoC equation anonymously (perhaps foolishly), identified only as IP address 71.96.68.110, it's apparent that Wikipedia user "Zilch0MD" made an update and additional contributions that same day, 11 March 2007, to the "Circle of Confusion" article and five days earlier, to Wikipedia's "Depth of Field" article.

And: An IP Address Lookup, performed on 30 January 2017, shows that the IP address 71.96.68.110 still comes from a location in North Texas, where I still reside.

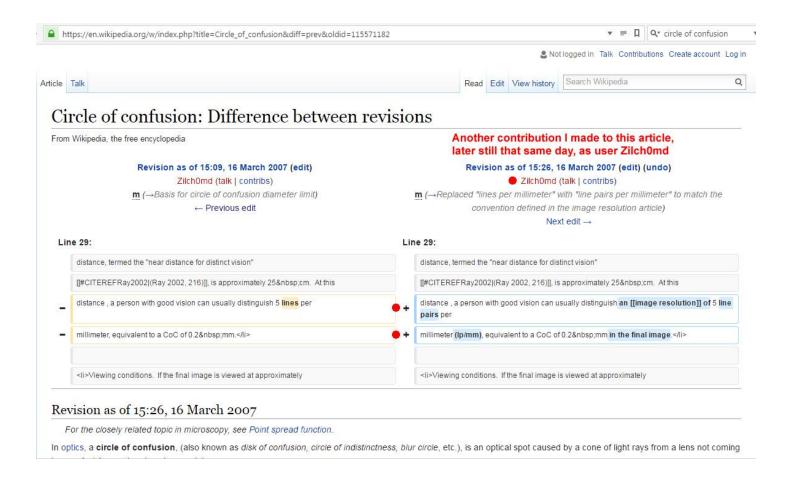


Annotated screenshot from: https://en.wikipedia.org/w/index.php?title=Circle\_of\_confusion&diff=prev&oldid=115502797



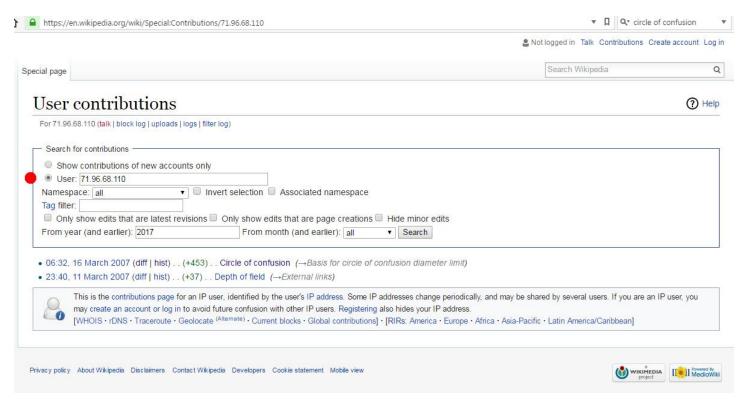
#### Annotated screenshot from:

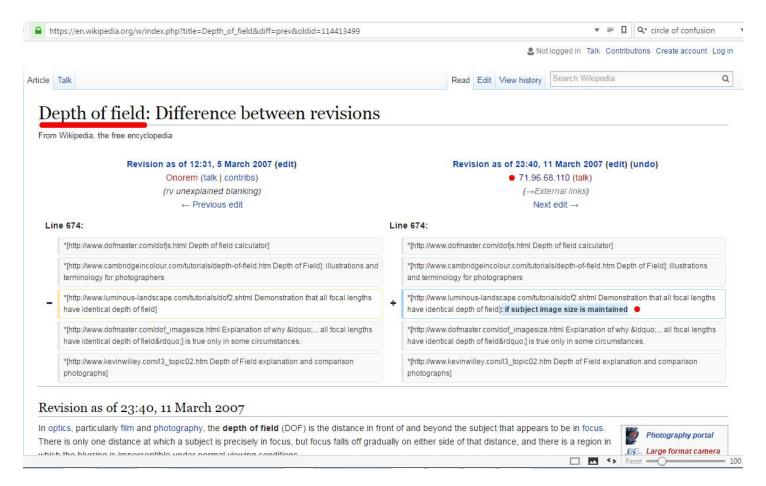
https://en.wikipedia.org/w/index.php?title=Circle of confusion&diff=prev&oldid=115567682



#### Annotated screenshot from:

https://en.wikipedia.org/w/index.php?title=Circle of confusion&diff=prev&oldid=115571182





Annotated screenshot related to a contribution I had made five days earlier, using that same IP address, to Wikiepedia's Depth of Field article, as taken from:

https://en.wikipedia.org/w/index.php?title=Depth\_of\_field&diff=prev&oldid=114413499

WhatIsMyIPAddress.c...

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Home » IP Tools » IP Lookup » 71.96.68.110

### IP Details for 71.96.68.110



This information should not be used for emergency purposes, trying to find someone's exact physical address, or other purposes that would require 100% accuracy. Please read about geolocation accuracy for more information.

71.96.68.110

Lookup IP Address

## **General IP Information**

IP: 71.96.68.110 Decimal: 1197491310 Hostname: 71.96.68.110

ASN: 5650

ISP: Verizon Internet Services

Organization: Frontier Communications

Services: None detected
Type: Broadband
Assignment: Dynamic IP

Blacklist: Blacklist Check

My internet service provider (ISP) was globalcrossing.net in March of 2007, but that account (and apparently, their subnet), has since been transferred to Verizon and then, Frontier Communications (my current provider).

#### **Geolocation Information**

Continent: North America
Country: United States

State/Region: Texas

City: Sherman

Latitude: 33.596 (33° 35' 45.60" N)

Longitude: -96.5454 (96° 32' 43.44" W)

Postal Code: 75090

Sherman Texas is north of my location near DFW, where I was living in 2007 and still live, as of this writing, in February of 2017).

#### **Geolocation Map**



**User Comments**