

Converting Colors

CIELCh(95, 5.758, 40.409)

Have a look what the booklet for
CIELCh(95, 5.758, 40.409) contains.

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Color

CIELCh(95, 5.763, 40.409)

Conversions

Conversions Part 1

Format	Color
Hex	FDEEEA
RGB	253, 238, 234
RGB Percent	99%, 93%, 92%
CMY	0.0095, 0.0683, 0.0840
CMYK	0.00, 0.06, 0.08, 0.01
HSL	13°, 80%, 95%
HSV	13°, 8%, 99%
XYZ	85.5911, 87.6183, 89.9230
YIQ	242.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

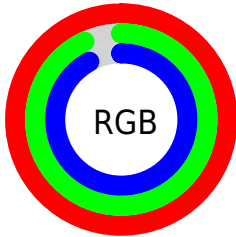
Format	Color
R _Y B	253, 239, 234
Decimal	16641770
CIE Lab	95.00, 4.39, 3.74
CIE LCh	95, 5.763, 40.409
Yxy	87.6183, 0.3253, 0.3330
Android (android.graphics.Color)	4294831850 (0xFFFDEEEA)
YUV	242.0290, -3.9583, 9.6216
Hunter-Lab	93.6047, -0.5897, 8.5653

Details

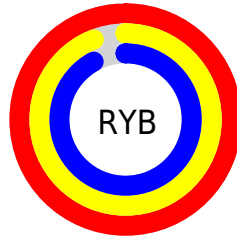
The CIELCh color **95, 5.763, 40.409** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **97, 5.503, 221.094**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 5.731, 41.725** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.993, 40.331**, and if you desaturate by 10%, it is **100, 0.845, 200.136**.

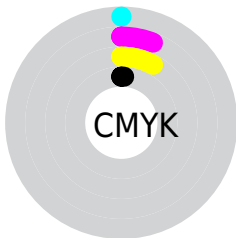
Distribution



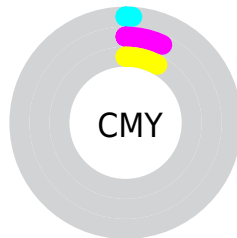
- Red (99%)
- Green (93%)
- Blue (92%)



- Red (99%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 5.763, 40.409 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 95, 5.763, 40.409 by changing the saturation by 10% instead.

- 95, 5.763, 40.409
- 100, 5.763, 40.409
- 95, 5.763, 40.409
- 85, 5.763, 40.409
- 75, 5.763, 40.409
- 65, 5.763, 40.409
- 55, 5.763, 40.409
- 45, 5.763, 40.409
- 35, 5.763, 40.409
- 25, 5.763, 40.409
- 15, 5.763, 40.409
- 5, 5.763, 40.409

95, 5.763, 40.409

95, 5.763, 40.409

90, 13.993, 40.331

100, 0.845,
200.136

84, 22.923, 40.297

79, 32.596, 40.409

74, 43.021, 40.708

69, 54.145, 41.227

65, 65.801, 41.965

62, 77.584, 42.834

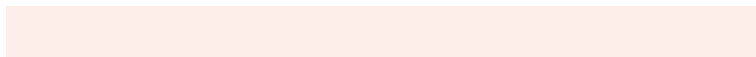
58, 88.574, 43.532

56, 96.960, 43.406

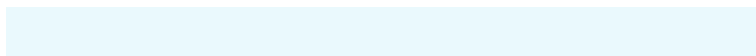
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



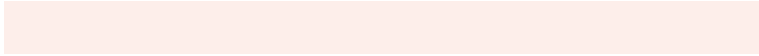
95, 5.763, 40.409



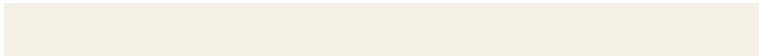
97, 5.503, 221.094

Rectangle

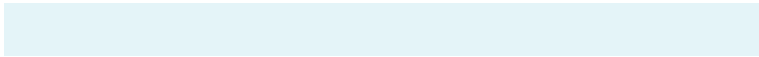
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



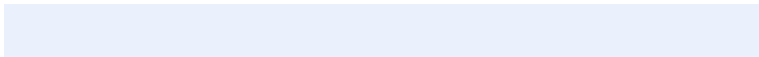
95, 5.763, 40.409



95, 5.763, 90.409



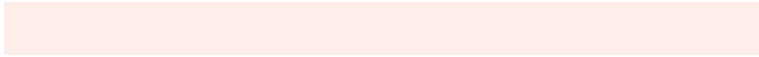
95, 5.763, 220.409



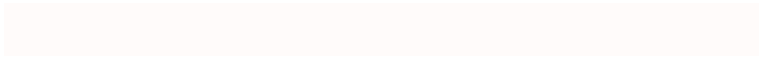
95, 5.763, 270.409

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95, 5.762, 40.436



99, 1.509, 40.252



94, 10.331, 330.963



53, 0.857, 40.232



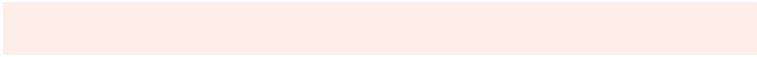
0, 0.000, 0.000



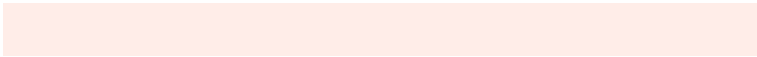
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 5.762, 40.436



95, 6.993, 40.423



97, 7.055, 92.741



50, 4.427, 40.418



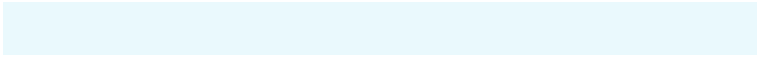
42, 79.627, 43.782



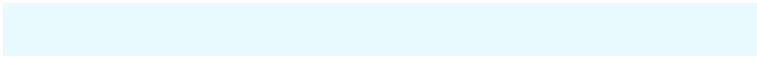
12, 29.822, 37.798

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



97, 5.503, 221.094



97, 6.614, 221.134



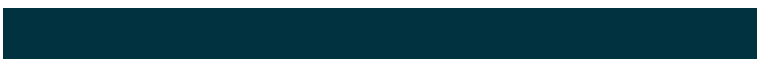
94, 7.081, 274.694



52, 4.173, 221.149



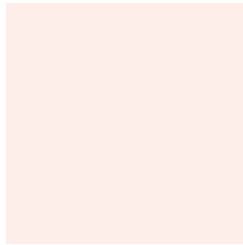
58, 35.615, 238.016



19, 16.189, 232.478

Previews

White Background



This preview shows how the CIELCh color 95, 5.763, 40.409 looks on a white background.

Color Contrast Check

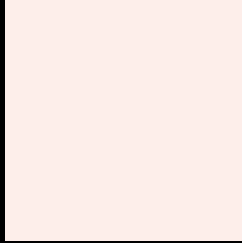
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 5.763, 40.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

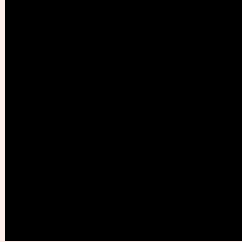
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

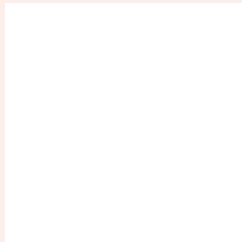
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 5.763, 40.409

Background



This preview shows how black text looks on a background with the CIELCh color 95, 5.763, 40.409.

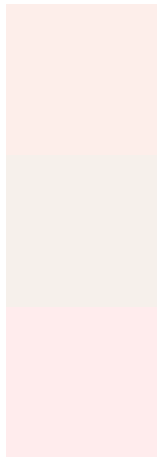


This preview shows how white text looks on a background with the CIELCh color 95, 5.763, 40.409.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


95, 5.763, 40.409

Protanopia

95, 3.319, 69.684

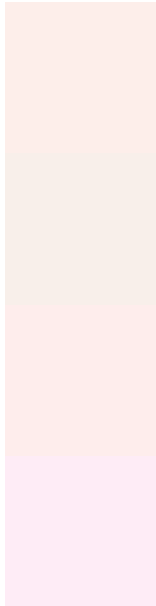
Deuteranopia

95, 6.841, 15.497



Tritanopia
95, 11.655, 327.699

Trichromacy



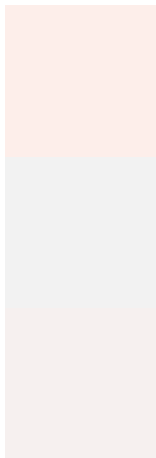
Original Color
95, 5.763, 40.409

Protanomaly
95, 4.101, 58.014

Deuteranomaly
95, 6.124, 24.499

Tritanomaly
95, 8.215, 341.280

Monochromacy



Original Color
95, 5.763, 40.409

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.186, 32.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 5.763, 40.409 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 238, 234)` looks like.

```
.text, #text, p{  
    color:rgb(253, 238, 234)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 238, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 5.763, 40.409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 238, 234) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 238, 234) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(253, 238,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 5.763, 40.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 238, 234) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
238, 234) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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