

Converting Colors

CIELCh(95, 10.058, 48.573)

Have a look what the booklet for
CIELCh(95, 10.058, 48.573) contains.

CIELCh(95, 8.616, 56.107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(95, 8.616, 56.107)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDE3
RGB	255, 237, 227
RGB Percent	100%, 93%, 89%
CMY	0.0000, 0.0703, 0.1096
CMYK	0.00, 0.07, 0.11, 0.00
HSL	21°, 100%, 95%
HSV	21°, 11%, 100%
XYZ	85.8128, 87.6183, 85.1005
YIQ	241.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 243, 227
Decimal	16772579
CIE Lab	95.00, 4.80, 7.15
CIE LCh	95, 8.616, 56.107
Yxy	87.6183, 0.3319, 0.3389
Android (android.graphics.Color)	4294962659 (0xFFFFE3E3)
YUV	241.2420, -7.0213, 12.0658
Hunter-Lab	93.6047, -0.1670, 11.6198

Details

The CIELCh color $95, 8.616, 56.107$ is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be $96, 7.879, 239.969$, 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 $75, 8.147, 56.145$ is the 20% darker color. If you saturate the color by 10%, you get $90, 16.434, 56.931$, and if you desaturate by 10%, it is $100, 0.697, 57.896$.

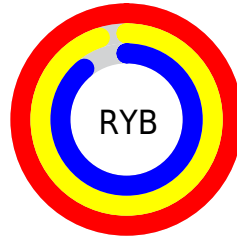
Distribution



Red (100%)

Green (93%)

Blue (89%)



Red (100%)

Yellow (95%)

Blue (89%)



Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (0%)



Cyan (0%)













Magenta (7%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 8.616, 56.107 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, 8.616, 56.107 by changing the saturation by 10% instead.

 95, 8.616, 56.107	 95, 8.616, 56.107
 100, 8.616, 56.107	 85, 8.616, 56.107
	 75, 8.616, 56.107
	 65, 8.616, 56.107
	 55, 8.616, 56.107
	 45, 8.616, 56.107
	 35, 8.616, 56.107
	 25, 8.616, 56.107
	 15, 8.616, 56.107
	 5, 8.616, 56.107

95, 8.616, 56.107

95, 8.616, 56.107

90, 16.434, 56.931

100, 0.697, 57.896

86, 25.160, 56.134

100, 0.012,
296.813

82, 34.512, 55.397

77, 44.490, 54.731

73, 55.024, 54.130

70, 65.893, 53.542

66, 76.560, 52.813

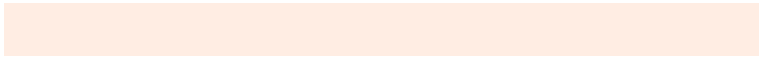
63, 85.910, 51.591

61, 92.224, 49.805

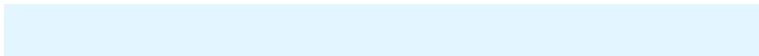
Harmonies

Complementary

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



95, 8.616, 56.107



96, 7.879, 239.969

Rectangle

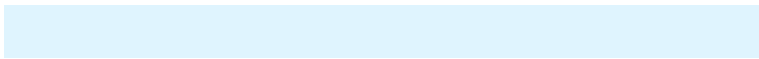
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 8.616, 56.107



95, 8.616, 106.107



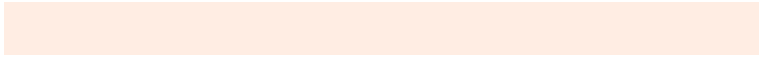
95, 8.616, 236.107



95, 8.616, 286.107

Sweetspot

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



95, 8.297, 57.753



99, 2.207, 58.269



93, 13.670, 337.148



52, 1.678, 58.253



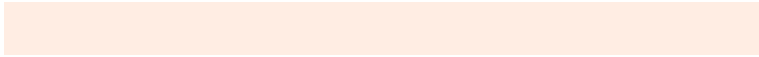
0, 0.000, 0.000



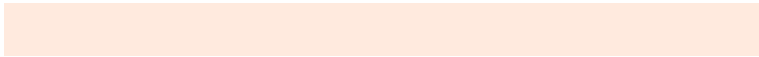
53, 0.007, 296.813

Same Dimension

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



95, 8.297, 57.753



94, 9.912, 57.586



98, 12.142, 102.032



51, 4.283, 57.870



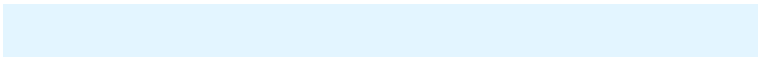
46, 73.823, 50.445



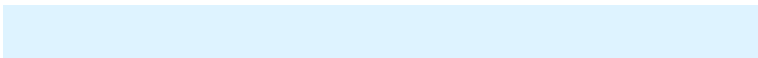
14, 27.856, 48.519

Inverse Universe

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



96, 7.879, 239.969



95, 9.312, 240.194



92, 12.347, 284.551



51, 4.098, 239.818



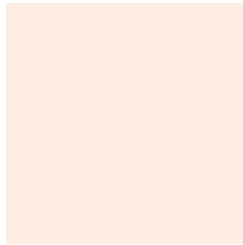
49, 43.785, 266.310



15, 18.626, 259.040

Previews

White Background



This preview shows how the CIELCh color 95, 8.616, 56.107 looks on a white background.

Color Contrast Check

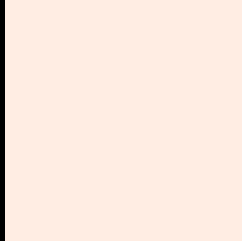
Large Text (above 18pt) WCAG AA × Fail

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, 8.616, 56.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

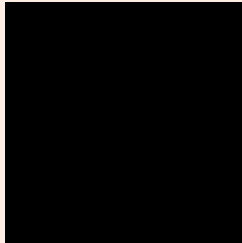
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 8.616, 56.107

Background



This preview shows how black text looks on a background with the CIELCh color 95, 8.616, 56.107.

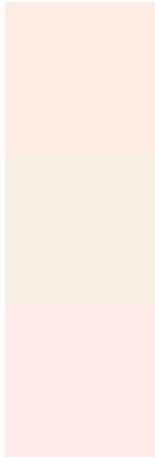


This preview shows how white text looks on a background with the CIELCh color 95, 8.616, 56.107.

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, 8.313, 57.612

Protanopia

95, 6.487, 79.554

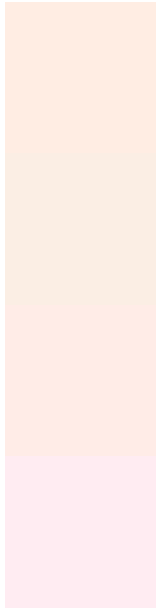
Deuteranopia

95, 6.922, 28.263



Tritanopia
95, 10.481, 332.816

Trichromacy



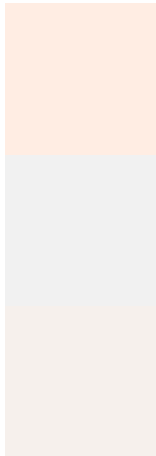
Original Color
95, 8.313, 57.612

Protanomaly
95, 6.945, 66.951

Deuteranomaly
95, 7.335, 40.145

Tritanomaly
95, 7.455, 355.504

Monochromacy



Original Color
95, 8.313, 57.612

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 2.944, 63.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 8.616, 56.107 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(255, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 227)  
}
```

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(255, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 8.616, 56.107 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(255, 237, 227) }
```

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

```
.border{ border-color:rgb(255, 237, 227) }
```

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

Here you see how a box with a 4 pixel rgb(255, 237, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 8.616, 56.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 227) }
```

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

```
.background{ background-color: rgb(255,  
237, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor