

Converting Colors

CIELCh(95, 9.320, 67.512)

Have a look what the booklet for
CIELCh(95, 9.320, 67.512) contains.

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Color

CIELCh(95, 9.483, 68.549)

Conversions

Conversions Part 1

Format	Color
Hex	FFEEEE
RGB	255, 238, 224
RGB Percent	100%, 93%, 88%
CMY	0.0008, 0.0675, 0.1224
CMYK	0.00, 0.07, 0.12, 0.00
HSL	27°, 99%, 94%
HSV	27°, 12%, 100%
XYZ	85.1027, 87.6183, 82.8015
YIQ	241.4870, 14.6260, -0.7500

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 250, 224
Decimal	16772832
CIE Lab	95.00, 3.47, 8.83
CIE LCh	95, 9.483, 68.549
Yxy	87.6183, 0.3331, 0.3429
Android (android.graphics.Color)	4294962912 (0xFFFFEE0)
YUV	241.4870, -8.6211, 11.8509
Hunter-Lab	93.6047, -1.5211, 13.0761

Details

The CIELCh color **95, 9.483, 68.549** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 9.112, 251.626**, 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, 9.349, 67.918** is the 20% darker color. If you saturate the color by 10%, you get **91, 17.769, 67.428**, and if you desaturate by 10%, it is **99, 1.637, 69.476**.

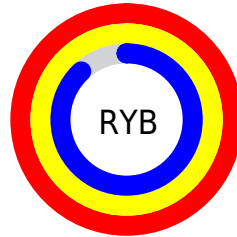
Distribution



Red (100%)

Green (93%)

Blue (88%)



Red (100%)

Yellow (98%)

Blue (88%)



Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 9.483, 68.549 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, 9.483, 68.549 by changing the saturation by 10% instead.

 95, 9.483, 68.549

 95, 9.483, 68.549

 100, 9.483, 68.549

 85, 9.483, 68.549

 75, 9.483, 68.549

 65, 9.483, 68.549

 55, 9.483, 68.549

 45, 9.483, 68.549

 35, 9.483, 68.549

 25, 9.483, 68.549

 15, 9.483, 68.549

 5, 9.483, 68.549

95, 9.483, 68.549

95, 9.483, 68.549

91, 17.769, 67.428

99, 1.637, 69.476

87, 26.529, 66.279

100, 0.073,
208.519

83, 35.778, 65.138

80, 45.489, 64.004

76, 55.550, 62.859

73, 65.670, 61.633

70, 75.227, 60.162

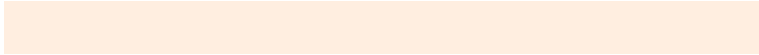
67, 83.088, 58.116

65, 87.543, 55.991

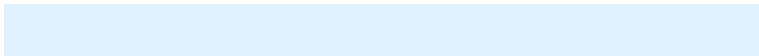
Harmonies

Complementary

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



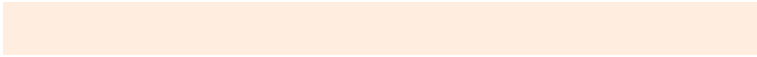
95, 9.483, 68.549



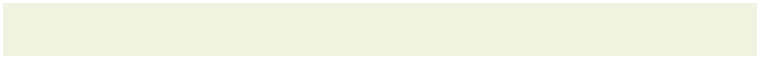
94, 9.112, 251.626

Rectangle

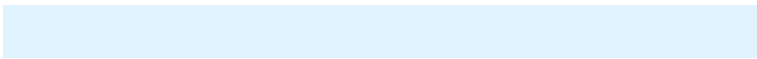
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 9.483, 68.549



95, 9.483, 118.549



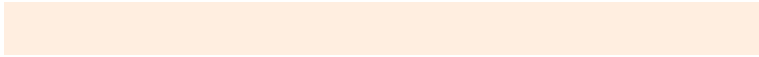
95, 9.483, 248.549



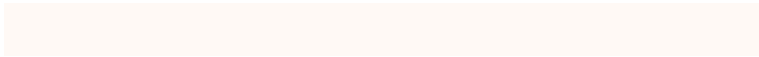
95, 9.483, 298.549

Sweetspot

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



95, 9.483, 68.566



98, 3.048, 69.403



92, 14.157, 342.010



52, 2.171, 69.342



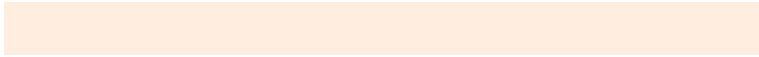
0, 0.000, 0.000



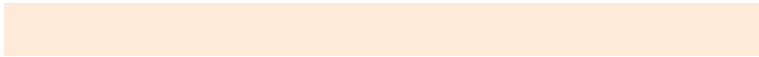
53, 0.007, 296.813

Same Dimension

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



95, 9.483, 68.566



94, 11.795, 68.247



99, 14.921, 106.868



51, 4.403, 68.860



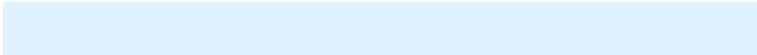
49, 70.221, 56.696



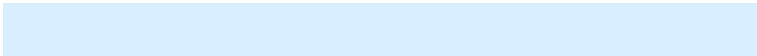
15, 27.133, 57.077

Inverse Universe

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



94, 9.112, 251.626



93, 11.213, 252.031



90, 15.304, 289.452



51, 4.273, 251.272



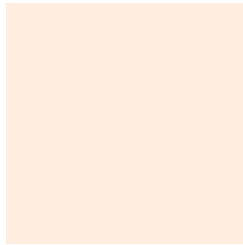
44, 52.862, 279.038



13, 21.763, 272.127

Previews

White Background



This preview shows how the CIELCh color 95, 9.483, 68.549 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, 9.483, 68.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

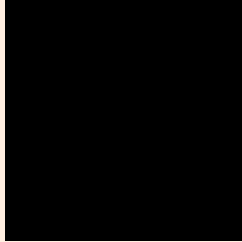
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 9.483, 68.549

Background



This preview shows how black text looks on a background with the CIELCh color 95, 9.483, 68.549.

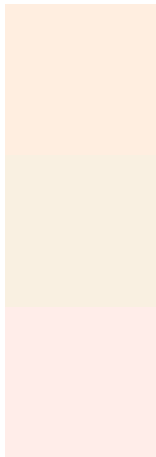


This preview shows how white text looks on a background with the CIELCh color 95, 9.483, 68.549.

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, 9.483, 68.549

Protanopia

95, 8.327, 86.386

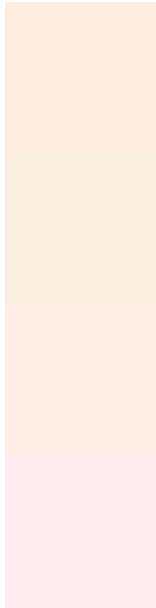
Deuteranopia

95, 6.806, 37.203



Tritanopia
95, 10.481, 332.816

Trichromacy



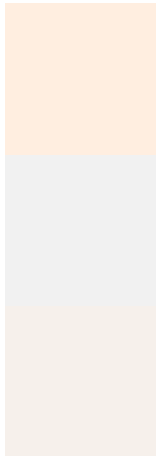
Original Color
95, 9.483, 68.549

Protanomaly
95, 8.379, 78.111

Deuteranomaly
95, 7.438, 48.449

Tritanomaly
95, 7.104, 3.065

Monochromacy



Original Color
95, 9.483, 68.549

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 3.319, 69.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 9.483, 68.549 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, 238, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 224)  
}
```

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, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 9.483, 68.549 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, 238, 224) }
```

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

```
.border{ border-color:rgb(255, 238, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 9.483, 68.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 224) }
```

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

```
.background{ background-color: rgb(255,  
238, 224) }
```

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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