

Converting Colors

CIELCh(98, 24.903, 66.355)

Have a look what the booklet for
CIELCh(98, 24.903, 66.355) contains.

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Color

CIELCh(95, 18.629, 92.350)

Conversions

Conversions Part 1

Format	Color
Hex	FEF0CD
RGB	254, 240, 205
RGB Percent	100%, 94%, 80%
CMY	0.0048, 0.0596, 0.1968
CMYK	0.00, 0.06, 0.19, 0.00
HSL	43°, 95%, 90%
HSV	43°, 19%, 100%
XYZ	82.8804, 87.6183, 70.1851
YIQ	240.1960, 19.5790, -7.9170

Conversions

Conversions Part 2

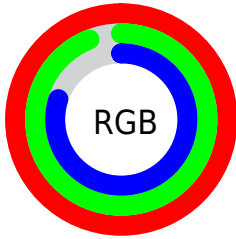
Format	Color
RYB	225, 254, 205
Decimal	16707789
CIELab	95.00, -0.76, 18.61
CIELCh	95, 18.629, 92.350
Yxy	87.6183, 0.3444, 0.3640
Android (android.graphics.Color)	4294897869 (0xFFFEF0CD)
YUV	240.1960, -17.3516, 12.1061
Hunter-Lab	93.6047, -5.7589, 21.0674

Details

The CIELCh color **95, 18.629, 92.350** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **87, 18.747, 277.455**, 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, 18.466, 92.094** is the 20% darker color. If you saturate the color by 10%, you get **93, 28.492, 91.061**, and if you desaturate by 10%, it is **97, 8.896, 93.604**.

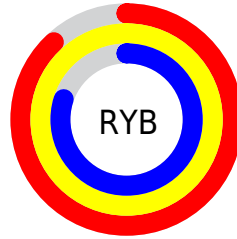
Distribution



Red (100%)

Green (94%)

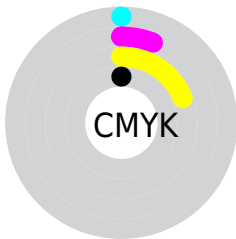
Blue (80%)



Red (88%)

Yellow (100%)

Blue (80%)

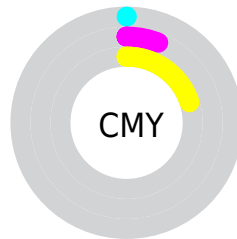


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 18.629, 92.350 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, 18.629, 92.350 by changing the saturation by 10% instead.

 95, 18.629, 92.350

 95, 18.629, 92.350

 100, 18.629,
92.350

 85, 18.629, 92.350

 75, 18.629, 92.350

 65, 18.629, 92.350

 55, 18.629, 92.350

 45, 18.629, 92.350

 35, 18.629, 92.350

 25, 18.629, 92.350

 15, 18.629, 92.350

 5, 18.629, 92.350

95, 18.629, 92.350

95, 18.629, 92.350

93, 28.492, 91.061

97, 8.896, 93.604

90, 38.423, 89.724

100, 0.415,
264.744

88, 48.306, 88.349

100, 0.429,
200.922

86, 57.919, 86.930

84, 66.865, 85.442

82, 74.490, 83.828

80, 79.897, 81.981

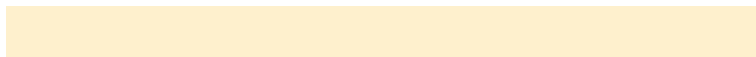
79, 82.517, 79.779

79, 82.664, 79.618

Harmonies

Complementary

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



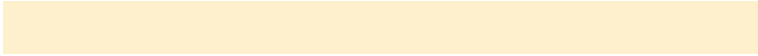
95, 18.629, 92.350



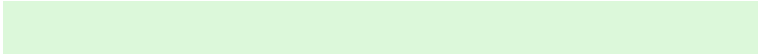
87, 18.747, 277.455

Rectangle

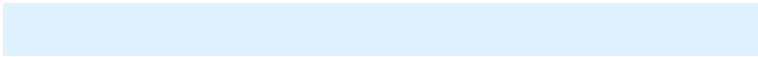
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 18.629, 92.350



95, 18.629, 142.350



95, 18.629, 272.350



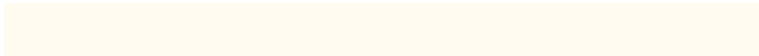
95, 18.629, 322.350

Sweetspot

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



95, 18.630, 92.358



99, 5.750, 93.994



87, 19.518, 357.922



52, 3.817, 93.918



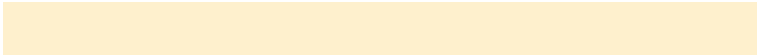
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

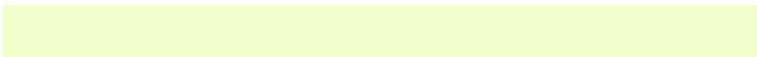
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 18.630, 92.358



95, 22.366, 91.881



98, 25.036, 116.664



52, 5.468, 93.578



61, 66.892, 80.075



20, 28.815, 82.728

Inverse Universe

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



87, 18.747, 277.455



85, 22.533, 278.069



85, 26.102, 299.490



50, 5.493, 276.011



31, 84.877, 299.133



7, 34.055, 294.305

Previews

White Background



This preview shows how the CIE LCh color 95, 18.629, 92.350 looks on a white background.

Color Contrast Check

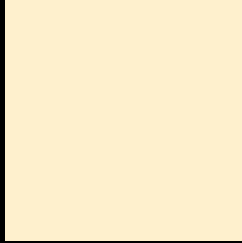
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 95, 18.629, 92.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

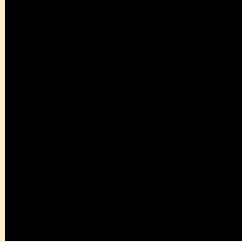
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 18.629, 92.350

Background



This preview shows how black text looks on a background with the CIELCh color 95, 18.629, 92.350.



This preview shows how white text looks on a background with the CIELCh color 95, 18.629, 92.350.

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, 18.644, 92.341

Protanopia

95, 18.539, 93.465

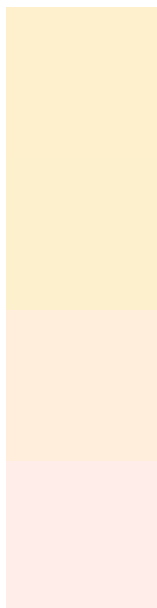
Deuteranopia

95, 7.999, 54.786



Tritanopia
95, 10.113, 334.785

Trichromacy



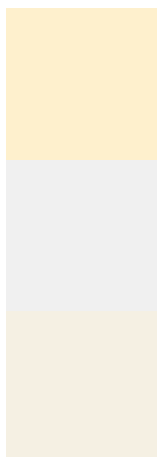
Original Color
95, 18.644, 92.341

Protanomaly
95, 18.539, 93.465

Deuteranomaly
95, 11.136, 75.197

Tritanomaly
95, 6.806, 37.203

Monochromacy



Original Color
95, 18.644, 92.341

Achromatopsia
95, 0.011, 296.813

Achromatomaly
95, 6.880, 94.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 18.629, 92.350 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(254, 240, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 205)  
}
```

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(254, 240, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 18.629, 92.350 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(254, 240, 205) }
```

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

```
.border{ border-color:rgb(254, 240, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 18.629, 92.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 205) }
```

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

```
.background{ background-color: rgb(254,  
240, 205) }
```

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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