

Converting Colors

CIELCh(100, 68.953, 83.776)

Have a look what the booklet for
CIELCh(100, 68.953, 83.776)
contains.

CIELCh(95, 63.455, 101.859)	3
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Color

CIELCh(95, 63.455, 101.859)

Conversions

Conversions Part 1

Format	Color
Hex	FEF574
RGB	254, 245, 116
RGB Percent	100%, 96%, 45%
CMY	0.0042, 0.0392, 0.5449
CMYK	0.00, 0.04, 0.54, 0.00
HSL	56°, 98%, 73%
HSV	56°, 54%, 100%
XYZ	76.6531, 87.6183, 29.4070
YIQ	232.9850, 46.7730, -38.2110

Conversions

Conversions Part 2

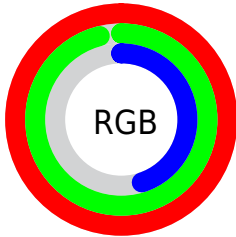
Format	Color
R _Y B	126, 254, 116
Decimal	16708980
CIE Lab	95.00, -13.04, 62.10
CIE LCh	95, 63.455, 101.859
Yxy	87.6183, 0.3958, 0.4524
Android (android.graphics.Color)	4294899060 (0xFFFEF574)
YUV	232.9850, -57.6736, 18.4302
Hunter-Lab	93.6047, -17.6340, 46.8966

Details

The CIELCh color **95, 63.455, 101.859** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **58, 72.984, 296.139**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 42.047, 106.967**, and **75, 63.598, 101.734** is the 20% darker color. If you saturate the color by 10%, you get **94, 73.380, 100.931**, and if you desaturate by 10%, it is **96, 52.545, 102.855**.

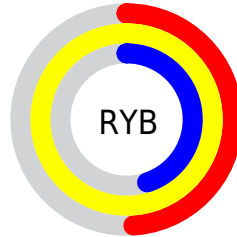
Distribution



Red (100%)

Green (96%)

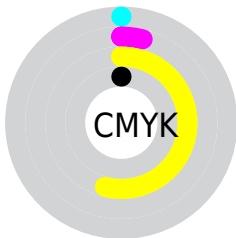
Blue (45%)



Red (49%)

Yellow (100%)

Blue (45%)

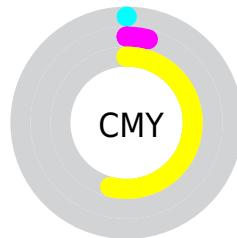


Cyan (0%)

Magenta (4%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (4%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 63.455, 101.859 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, 63.455, 101.859 by changing the saturation by 10% instead.


 95, 63.455,
101.859


 95, 63.455,
101.859


 100, 63.455,
101.859


 85, 63.455,
101.859

 75, 63.455,
101.859

 65, 63.455,
101.859

 55, 63.455,
101.859

 45, 63.455,
101.859

 35, 63.455,
101.859

 25, 63.455,

101.859

■ 15, 63.455,
101.859

■ 5, 63.455, 101.859

■ 95, 63.455,
101.859

■ 95, 63.455,
101.859

■ 94, 73.380,
100.931

■ 96, 52.545,
102.855

■ 94, 81.746,
100.091

■ 96, 41.048,
103.885

■ 93, 87.871, 99.367

■ 97, 29.224,
104.931

■ 93, 91.225, 98.766

■ 98, 17.235,
105.974

■ 93, 92.098, 98.465

99, 5.179, 106.990

100, 0.333,
212.515

100, 0.370,
201.175

Harmonies

Complementary

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



95, 63.455, 101.859



58, 72.984, 296.139

Rectangle

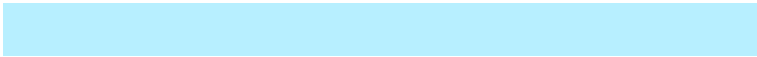
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 63.455, 101.859



95, 63.455, 151.859



95, 63.455, 281.859



95, 63.455, 331.859

Sweetspot

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



95, 63.456, 101.862



98, 19.343, 105.797



66, 57.254, 21.437



52, 13.055, 105.583



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

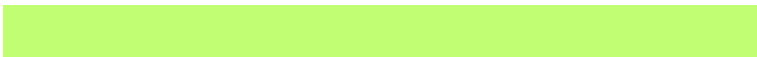
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 63.456, 101.862



95, 74.270, 100.868



93, 71.336, 124.137



53, 6.875, 106.468



72, 74.472, 98.544



25, 33.765, 99.276

Inverse Universe

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



58, 72.984, 296.139



50, 89.369, 298.704



61, 78.595, 309.871



49, 7.011, 288.492



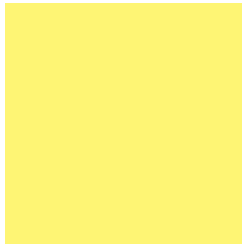
24, 104.876, 305.533



4, 42.068, 300.638

Previews

White Background



This preview shows how the CIELCh color 95, 63.455, 101.859 looks on a white background.

Color Contrast Check

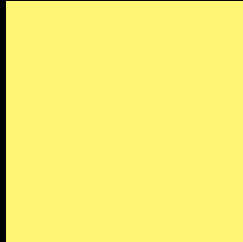
Large Text (above 18pt) WCAG AA × Fail

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, 63.455, 101.859 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, 63.455, 101.859

Background



This preview shows how black text looks on a background with the CIELCh color 95, 63.455, 101.859.

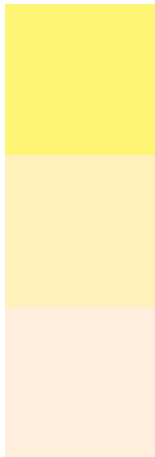


This preview shows how white text looks on a background with the CIELCh color 95, 63.455, 101.859.

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, 63.479, 101.839

Protanopia
95, 29.029, 97.171

Deuteranopia
95, 11.570, 76.549

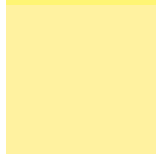


Tritanopia
95, 8.787, 344.253

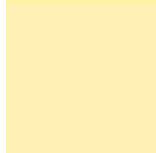
Trichromacy



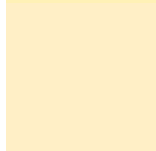
Original Color
95, 63.479, 101.839



Protanomaly
95, 41.764, 99.780



Deuteranomaly
95, 30.518, 97.542

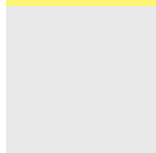


Tritanomaly
95, 21.826, 92.317

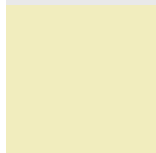
Monochromacy



Original Color
95, 63.479, 101.839



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 24.090, 104.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 63.455, 101.859 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, 245, 116)` looks like.

```
.text, #text, p{  
    color:rgb(254, 245, 116)  
}
```

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, 245, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 245, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 63.455, 101.859 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, 245, 116) }
```

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

```
.border{ border-color:rgb(254, 245, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 245, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 245, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 245, 116);  
box-shadow:4px 4px 4px 4px rgb(254, 245,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 63.455, 101.859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 245, 116) }
```

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

```
.background{ background-color: rgb(254,  
245, 116) }
```

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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