

Converting Colors

CIELCh(95, 62.996, 101.540)

Have a look what the booklet for
CIELCh(95, 62.996, 101.540)
contains.

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Color

CIELCh(95, 63.069, 101.478)

Conversions

Conversions Part 1

Format	Color
Hex	FFF575
RGB	255, 245, 117
RGB Percent	100%, 96%, 46%
CMY	0.0012, 0.0403, 0.5422
CMYK	0.00, 0.04, 0.54, 0.00
HSL	56°, 100%, 73%
HSV	56°, 54%, 100%
XYZ	76.8955, 87.6183, 29.6074
YIQ	233.3980, 47.0480, -37.6880

Conversions

Conversions Part 2

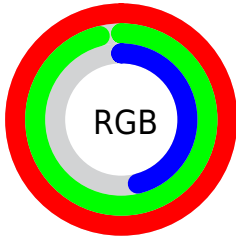
Format	Color
R_{YB}	128, 255, 117
Decimal	16774517
CIE _{Lab}	95.00, -12.55, 61.81
CIE _{LCh}	95, 63.069, 101.478
Yxy	87.6183, 0.3961, 0.4514
Android (android.graphics.Color)	4294964597 (0xFFFFF575)
YUV	233.3980, -57.3842, 18.9450
Hunter-Lab	93.6047, -17.1717, 46.7697

Details

The CIELCh color **95, 63.069, 101.478** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **58, 72.330, 295.815**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 41.560, 107.005**, and **75, 63.242, 101.358** is the 20% darker color. If you saturate the color by 10%, you get **94, 73.001, 100.530**, and if you desaturate by 10%, it is **96, 52.172, 102.490**.

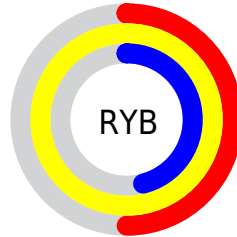
Distribution



Red (100%)

Green (96%)

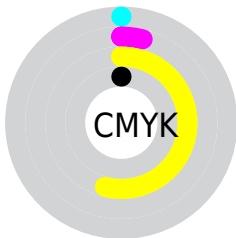
Blue (46%)



Red (50%)

Yellow (100%)

Blue (46%)

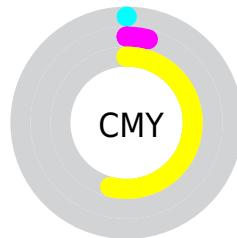


Cyan (0%)

Magenta (4%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 63.069, 101.478 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, 63.069, 101.478 by changing the saturation by 10% instead.

 95, 63.069,
101.478


 95, 63.069,
101.478


 100, 63.069,
101.478


 85, 63.069,
101.478

 75, 63.069,
101.478

 65, 63.069,
101.478

 55, 63.069,
101.478

 45, 63.069,
101.478

 35, 63.069,
101.478

 25, 63.069,

101.478

■ 15, 63.069,
101.478

■ 5, 63.069, 101.478

■ 95, 63.069,
101.478

■ 95, 63.069,
101.478

■ 94, 73.001,
100.530

■ 96, 52.172,
102.490

■ 94, 81.393, 99.664

■ 97, 40.705,
103.532

■ 93, 87.557, 98.905

■ 97, 28.923,
104.587

■ 93, 90.941, 98.259

■ 92, 91.827, 97.920

■ 98, 16.986,
105.638

99, 4.990, 106.660

100, 0.101,
205.945

Harmonies

Complementary

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



95, 63.069, 101.478



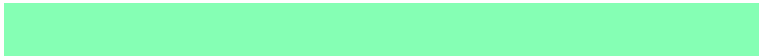
58, 72.330, 295.815

Rectangle

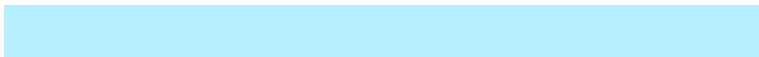
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 63.069, 101.478



95, 63.069, 151.478



95, 63.069, 281.478



95, 63.069, 331.478

Sweetspot

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



95, 63.070, 101.481



98, 19.198, 105.447



66, 56.985, 20.175



52, 12.958, 105.231



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

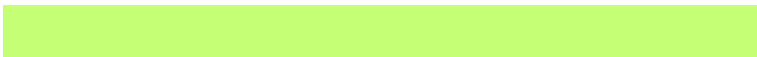
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 63.070, 101.481



94, 73.835, 100.454



94, 71.048, 123.505



53, 6.823, 106.121



71, 74.089, 98.010



24, 33.567, 98.815

Inverse Universe

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



58, 72.330, 295.815



50, 88.607, 298.429



61, 78.541, 309.374



49, 6.955, 288.158



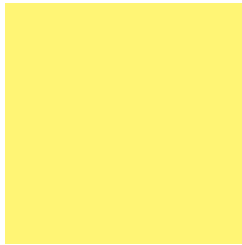
24, 104.497, 305.432



4, 41.830, 300.498

Previews

White Background



This preview shows how the CIELCh color 95, 63.069, 101.478 looks on a white background.

Color Contrast Check

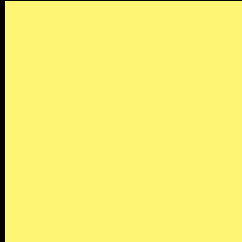
Large Text (above 18pt) WCAG AA × Fail

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, 63.069, 101.478 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, 63.069, 101.478

Background



This preview shows how black text looks on a background with the CIELCh color 95, 63.069, 101.478.

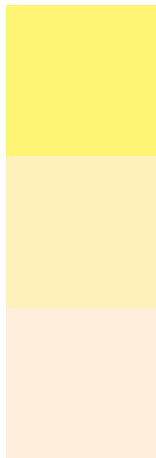


This preview shows how white text looks on a background with the CIELCh color 95, 63.069, 101.478.

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, 63.069, 101.478

Protanopia
95, 29.029, 97.171

Deuteranopia
95, 11.570, 76.549



Tritanopia
95, 8.787, 344.253

Trichromacy



Original Color
95, 63.069, 101.478



Protanomaly
95, 41.764, 99.780



Deuteranomaly
95, 30.121, 96.680

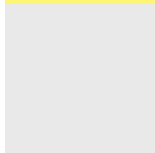


Tritanomaly
95, 21.826, 92.317

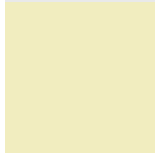
Monochromacy



Original Color
95, 63.069, 101.478



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 23.583, 104.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 63.069, 101.478 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, 245, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 117)  
}
```

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, 245, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 63.069, 101.478 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, 245, 117) }
```

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

```
.border{ border-color:rgb(255, 245, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 63.069, 101.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 117) }
```

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

```
.background{ background-color: rgb(255,  
245, 117) }
```

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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