

Converting Colors

CIELCh(95, 45.897, 100.971)

Have a look what the booklet for
CIELCh(95, 45.897, 100.971)
contains.

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Color

CIELCh(95, 46.007, 101.058)

Conversions

Conversions Part 1

Format	Color
Hex	FEF398
RGB	254, 243, 152
RGB Percent	100%, 95%, 60%
CMY	0.0030, 0.0462, 0.4031
CMYK	0.00, 0.04, 0.40, 0.00
HSL	54°, 99%, 80%
HSV	54°, 40%, 100%
XYZ	78.7552, 87.6183, 42.5548
YIQ	235.9150, 35.7670, -25.9690

Conversions

Conversions Part 2

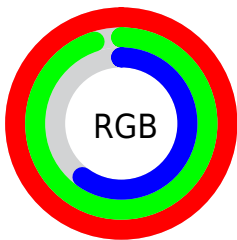
Format	Color
R_{YB}	164, 254, 152
Decimal	16708504
CIE _{Lab}	95.00, -8.82, 45.15
CIE _{LCh}	95, 46.007, 101.058
Yxy	87.6183, 0.3769, 0.4194
Android (android.graphics.Color)	4294898584 (0xFFFEF398)
YUV	235.9150, -41.3701, 15.8605
Hunter-Lab	93.6047, -13.6254, 38.5687

Details

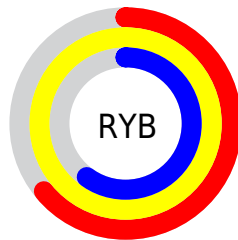
The CIELCh color **95, 46.007, 101.058** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 49.883, 291.293**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 24.233, 108.340**, and **75, 46.163, 100.945** is the 20% darker color. If you saturate the color by 10%, you get **94, 56.903, 99.973**, and if you desaturate by 10%, it is **96, 34.723, 102.163**.

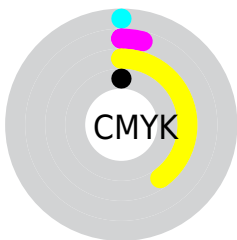
Distribution



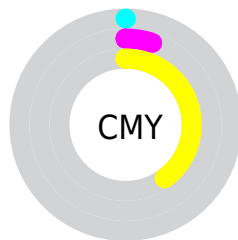
- Red (100%)
- Green (95%)
- Blue (60%)



- Red (64%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 46.007, 101.058 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, 46.007, 101.058 by changing the saturation by 10% instead.


 95, 46.007,
101.058


 95, 46.007,
101.058


 100, 46.007,
101.058


 85, 46.007,
101.058

 75, 46.007,
101.058

 65, 46.007,
101.058

 55, 46.007,
101.058

 45, 46.007,
101.058

 35, 46.007,
101.058

 25, 46.007,

101.058

■ 15, 46.007,
101.058

■ 5, 46.007, 101.058

■ 95, 46.007,
101.058

■ 95, 46.007,
101.058

■ 94, 56.903, 99.973

■ 96, 34.723,
102.163

■ 93, 67.088, 98.914

■ 97, 23.245,
103.260

■ 92, 76.069, 97.904

■ 91, 83.175, 96.957

■ 98, 11.692,
104.339

■ 91, 87.701, 96.074

100, 0.137,
104.451

■ 90, 89.544, 95.241

100, 0.269,
201.851

Harmonies

Complementary

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



95, 46.007, 101.058



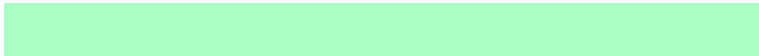
70, 49.883, 291.293

Rectangle

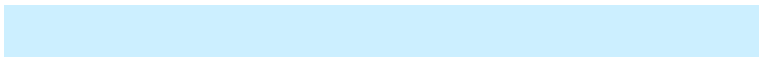
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 46.007, 101.058



95, 46.007, 151.058



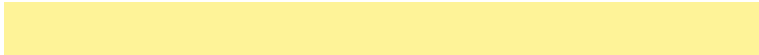
95, 46.007, 281.058



95, 46.007, 331.058

Sweetspot

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



95, 46.008, 101.061



98, 13.890, 104.140



74, 40.804, 14.641



52, 9.214, 103.999



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

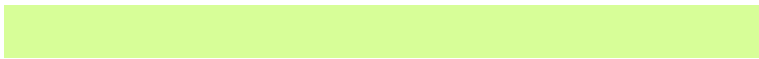
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 46.008, 101.061



94, 54.765, 100.202



95, 53.129, 122.807



53, 6.579, 104.405



70, 72.374, 95.383



24, 32.649, 96.543

Inverse Universe

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



70, 49.883, 291.293



64, 60.759, 292.937



70, 57.267, 307.377



49, 6.694, 286.504



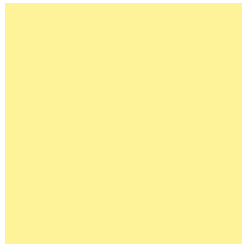
25, 102.364, 304.852



5, 40.698, 299.798

Previews

White Background



This preview shows how the CIE LCh color 95, 46.007, 101.058 looks on a white background.

Color Contrast Check

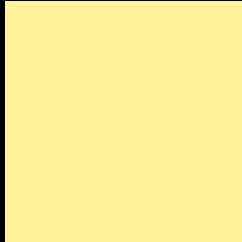
Large Text (above 18pt) WCAG AA × Fail

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, 46.007, 101.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

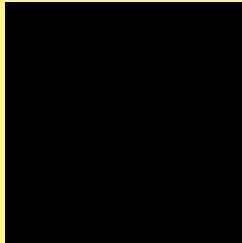
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 46.007, 101.058

Background



This preview shows how black text looks on a background with the CIELCh color 95, 46.007, 101.058.

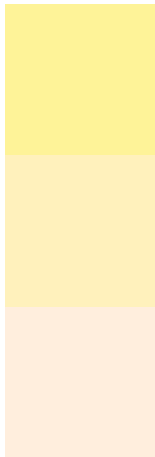


This preview shows how white text looks on a background with the CIELCh color 95, 46.007, 101.058.

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, 46.007, 101.058

Protanopia
95, 27.540, 96.746

Deuteranopia
95, 10.710, 73.734

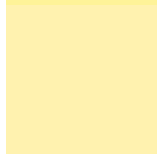


Tritanopia
95, 9.093, 341.628

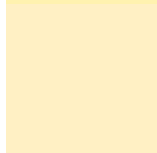
Trichromacy



Original Color
95, 46.007, 101.058



Protanomaly
95, 34.392, 98.983



Deuteranomaly
95, 23.184, 94.112

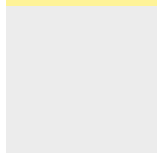


Tritanomaly
95, 14.744, 83.640

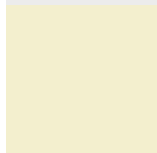
Monochromacy



Original Color
95, 46.007, 101.058



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 16.948, 103.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 46.007, 101.058 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, 243, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 152)  
}
```

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, 243, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 46.007, 101.058 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, 243, 152) }
```

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

```
.border{ border-color:rgb(254, 243, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 243, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 243, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 243, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 243,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 46.007, 101.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 152) }
```

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

```
.background{ background-color: rgb(254,  
243, 152) }
```

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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