

Converting Colors

CIELCh(95, 45.093, 106.600)

Have a look what the booklet for
CIELCh(95, 45.093, 106.600)
contains.

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Color

CIELCh(95, 45.208, 106.627)

Conversions

Conversions Part 1

Format	Color
Hex	F6F69C
RGB	246, 246, 156
RGB Percent	96%, 96%, 61%
CMY	0.0367, 0.0366, 0.3895
CMYK	0.00, 0.00, 0.37, 0.04
HSL	60°, 83%, 79%
HSV	60°, 37%, 96%
XYZ	76.7048, 87.6183, 44.1771
YIQ	235.7400, 28.8900, -27.9900

Conversions

Conversions Part 2

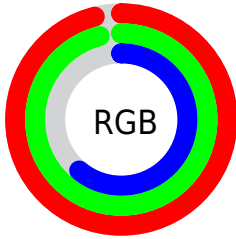
Format	Color
RYB	156, 246, 156
Decimal	16184988
CIELab	95.00, -12.94, 43.32
CIElCh	95, 45.208, 106.627
Yxy	87.6183, 0.3679, 0.4202
Android (android.graphics.Color)	4294375068 (0xFFFF6F69C)
YUV	235.7400, -39.3118, 8.9980
Hunter-Lab	93.6047, -17.5355, 37.5411

Details

The CIELCh color $95, 45.208, 106.627$ is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be $68, 49.652, 295.016$, and the grayscale version is $93, 0.011, 296.813$.

A 20% lighter version of the original color is $99, 22.227, 108.494$, and $75, 45.407, 106.910$ is the 20% darker color. If you saturate the color by 10%, you get $95, 56.827, 105.711$, and if you desaturate by 10%, it is $95, 33.131, 107.589$.

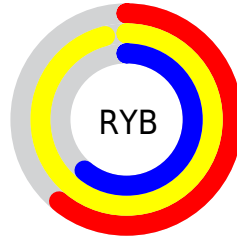
Distribution



Red (96%)

Green (96%)

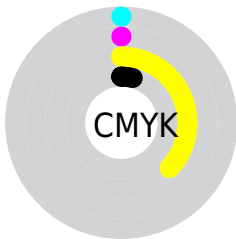
Blue (61%)



Red (61%)

Yellow (96%)

Blue (61%)

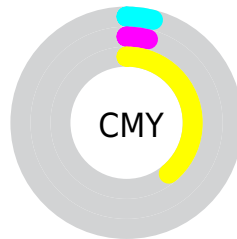


Cyan (0%)

Magenta (0%)

Yellow (37%)

Black (4%)



Cyan (4%)


Magenta (4%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 45.208, 106.627 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, 45.208, 106.627 by changing the saturation by 10% instead.

 95, 45.208,
106.627


 95, 45.208,
106.627


 100, 45.208,
106.627


 85, 45.208,
106.627

 75, 45.208,
106.627

 65, 45.208,
106.627

 55, 45.208,
106.627

 45, 45.208,
106.627

 35, 45.208,
106.627

 25, 45.208,

106.627

■ 15, 45.208,
106.627

■ 5, 45.208, 106.627

■ 95, 45.208,
106.627

■ 95, 45.208,
106.627

■ 95, 56.827,
105.711

■ 95, 33.131,
107.589

■ 94, 67.683,
104.861

■ 96, 20.787,
108.565

■ 94, 77.339,
104.119

■ 96, 8.302, 109.536

■ 94, 85.223,
103.524

■ 97, 4.243, 290.524

■ 97, 4.785, 290.579

■ 94, 90.749,
103.114

■ 97, 4.785, 290.596

■ 94, 93.615,
102.905

■ 97, 4.785, 290.613

■ 94, 94.209,
102.862

■ 97, 4.785, 290.630

■ 97, 4.785, 290.647

Harmonies

Complementary

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



95, 45.208, 106.627



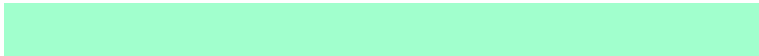
68, 49.652, 295.016

Rectangle

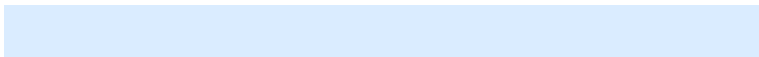
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 45.208, 106.627



95, 45.208, 156.627



95, 45.208, 286.627



95, 45.208, 336.627

Sweetspot

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



95, 45.210, 106.630



99, 14.193, 109.112



73, 36.440, 22.841



53, 9.534, 108.980



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, 45.210, 106.630



98, 55.478, 105.939



92, 48.660, 127.338



51, 7.096, 109.261



73, 76.500, 102.862



24, 33.186, 103.187

Inverse Universe

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



68, 49.652, 295.016



64, 62.475, 296.388



71, 51.298, 310.905



47, 7.256, 291.175



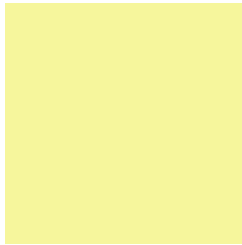
22, 105.633, 306.288



3, 39.906, 299.773

Previews

White Background



This preview shows how the CIELCh color 95, 45.208, 106.627 looks on a white background.

Color Contrast Check

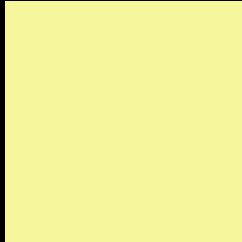
Large Text (above 18pt) WCAG AA × Fail

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, 45.208, 106.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

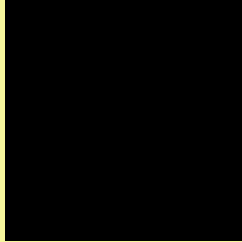
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 45.208, 106.627

Background



This preview shows how black text looks on a background with the CIELCh color 95, 45.208, 106.627.

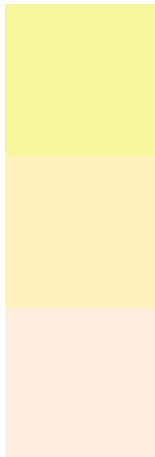


This preview shows how white text looks on a background with the CIELCh color 95, 45.208, 106.627.

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, 45.208, 106.627

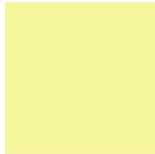
Protanopia
95, 27.146, 95.777

Deuteranopia
95, 10.710, 73.734



Tritanopia
95, 10.862, 330.985

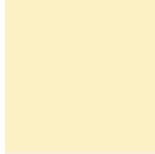
Trichromacy



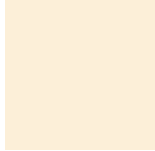
Original Color
95, 45.208, 106.627



Protanomaly
95, 33.735, 100.885

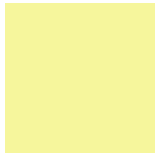


Deuteranomaly
95, 22.831, 97.852

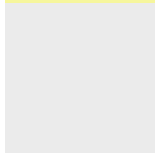


Tritanomaly
95, 12.705, 86.992

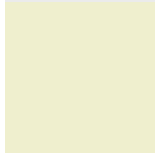
Monochromacy



Original Color
95, 45.208, 106.627



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 16.894, 108.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 45.208, 106.627 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(246, 246, 156)` looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 156)  
}
```

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(246, 246, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 45.208, 106.627 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(246, 246, 156) }
```

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

```
.border{ border-color:rgb(246, 246, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 246, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 246, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 246, 156);  
box-shadow:4px 4px 4px 4px rgb(246, 246,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 45.208, 106.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 246, 156) }
```

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

```
.background{ background-color: rgb(246,  
246, 156) }
```

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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