

Converting Colors

CIELCh(95, 73.777, 106.065)

Have a look what the booklet for
CIELCh(95, 73.777, 106.065)
contains.

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Color

CIELCh(95, 73.723, 106.051)

Conversions

Conversions Part 1

Format	Color
Hex	F4F95F
RGB	244, 249, 95
RGB Percent	96%, 98%, 37%
CMY	0.0441, 0.0244, 0.6283
CMYK	0.02, 0.00, 0.62, 0.02
HSL	62°, 93%, 67%
HSV	62°, 62%, 98%
XYZ	73.0816, 87.6183, 23.8319
YIQ	229.9490, 46.4540, -48.9540

Conversions

Conversions Part 2

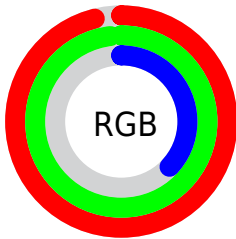
Format	Color
R _Y B	95, 249, 100
Decimal	16054623
CIE Lab	95.00, -20.38, 70.85
CIE LCh	95, 73.723, 106.051
Yxy	87.6183, 0.3960, 0.4748
Android (android.graphics.Color)	4294244703 (0xFFFF4F95F)
YUV	229.9490, -66.5299, 12.3227
Hunter-Lab	93.6047, -24.4448, 50.4279

Details

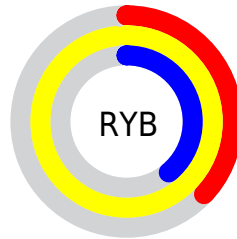
The CIELCh color **95, 73.723, 106.051** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **49, 89.014, 300.772**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 51.641, 106.227**, and **75, 73.799, 106.010** is the 20% darker color. If you saturate the color by 10%, you get **95, 82.615, 105.458**, and if you desaturate by 10%, it is **95, 63.331, 106.791**.

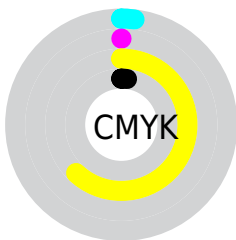
Distribution



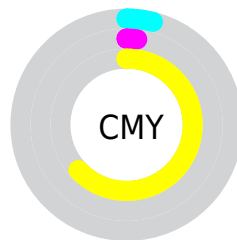
- Red (96%)
- Green (98%)
- Blue (37%)



- Red (37%)
- Yellow (98%)
- Blue (39%)



- Cyan (2%)
- Magenta (0%)
- Yellow (62%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 73.723, 106.051 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, 73.723, 106.051 by changing the saturation by 10% instead.


 95, 73.723,
106.051


 95, 73.723,
106.051


 100, 73.723,
106.051


 85, 73.723,
106.051

 75, 73.723,
106.051

 65, 73.723,
106.051

 55, 73.723,
106.051

 45, 73.723,
106.051

 35, 73.723,
106.051

 25, 73.723,

106.051

■ 15, 73.723,
106.051

■ 5, 73.723, 106.051

■ 95, 73.723,
106.051

■ 95, 73.723,
106.051

■ 95, 82.615,
105.458

■ 95, 63.331,
106.791

■ 95, 89.393,
105.057

■ 96, 51.954,
107.625

■ 94, 93.564,
104.888

■ 96, 39.966,
108.517

■ 94, 95.200,
104.906

■ 97, 27.615,
109.438

■ 97, 15.059,
110.365

■ 98, 2.403, 111.263

■ 98, 3.197, 294.528

■ 98, 3.233, 299.510

■ 98, 3.293, 304.353

Harmonies

Complementary

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



95, 73.723, 106.051



49, 89.014, 300.772

Rectangle

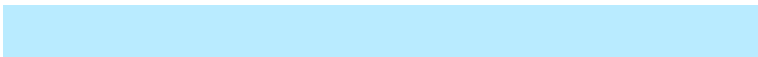
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 73.723, 106.051



95, 73.723, 156.051



95, 73.723, 286.051



95, 73.723, 336.051

Sweetspot

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



95, 73.724, 106.053



99, 24.470, 109.705



61, 66.026, 29.033



53, 16.820, 109.439



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, 73.724, 106.053



97, 85.898, 105.352



90, 80.544, 126.960



52, 7.221, 110.586



74, 77.349, 104.872



25, 34.385, 104.881

Inverse Universe

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



49, 89.014, 300.772



42, 109.457, 303.245



56, 88.128, 312.670



48, 7.384, 292.398



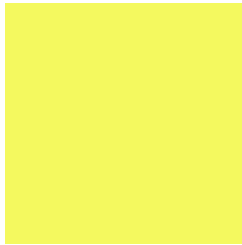
23, 106.544, 306.381



3, 42.122, 301.534

Previews

White Background



This preview shows how the CIELCh color 95, 73.723, 106.051 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 CIE LCh color 95, 73.723, 106.051 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, 73.723, 106.051

Background



This preview shows how black text looks on a background with the CIELCh color 95, 73.723, 106.051.

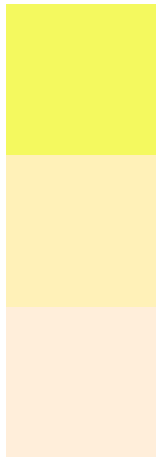


This preview shows how white text looks on a background with the CIELCh color 95, 73.723, 106.051.

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, 73.723, 106.051

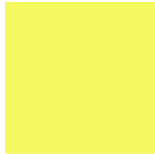
Protanopia
95, 29.526, 97.300

Deuteranopia
95, 12.009, 77.799



Tritanopia
95, 10.113, 334.785

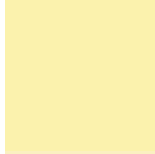
Trichromacy



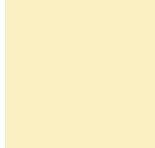
Original Color
95, 73.723, 106.051



Protanomaly
95, 46.323, 103.064



Deuteranomaly
95, 35.180, 101.660

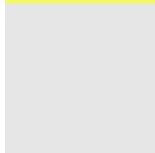


Tritanomaly
95, 24.350, 98.338

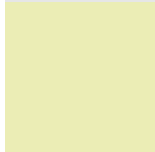
Monochromacy



Original Color
95, 73.723, 106.051



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 28.620, 109.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 73.723, 106.051 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(244, 249, 95)` looks like.

```
.text, #text, p{  
    color:rgb(244, 249, 95)  
}
```

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(244, 249, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 249, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 73.723, 106.051 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(244, 249, 95) }
```

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

```
.border{ border-color:rgb(244, 249, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 249, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 249, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 249, 95); box-shadow:4px 4px 4px 4px rgb(244, 249, 95) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 73.723, 106.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 249, 95) }
```

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

```
.background{ background-color: rgb(244,  
249, 95) }
```

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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