

Converting Colors

CIELCh(95, 70.423, 101.344)

Have a look what the booklet for
CIELCh(95, 70.423, 101.344)
contains.

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Color

CIELCh(95, 70.287, 101.266)

Conversions

Conversions Part 1

Format	Color
Hex	FFF564
RGB	255, 245, 100
RGB Percent	100%, 96%, 39%
CMY	0.0000, 0.0386, 0.6072
CMYK	0.00, 0.04, 0.61, 0.00
HSL	56°, 100%, 70%
HSV	56°, 61%, 100%
XYZ	76.3121, 87.6183, 24.9868
YIQ	231.4600, 52.5050, -42.9750

Conversions

Conversions Part 2

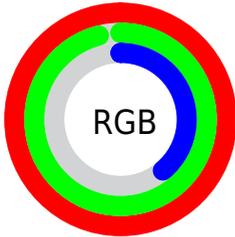
Format	Color
RYB	111, 255, 100
Decimal	16774500
CIELab	95.00, -13.73, 68.93
CIELCh	95, 70.287, 101.266
Yxy	87.6183, 0.4039, 0.4638
Android (android.graphics.Color)	4294964580 (0xFFFFFF564)
YUV	231.4600, -64.8098, 20.6446
Hunter-Lab	93.6047, -18.2844, 49.6964

Details

The CIELCh color **95, 70.287, 101.266** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **53, 83.017, 297.707**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 49.271, 106.409**, and **75, 70.288, 101.327** is the 20% darker color. If you saturate the color by 10%, you get **94, 79.315, 100.455**, and if you desaturate by 10%, it is **96, 59.908, 102.279**.

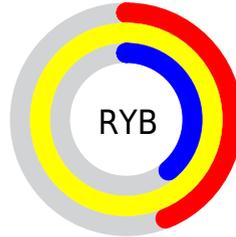
Distribution



Red (100%)

Green (96%)

Blue (39%)



Red (44%)

Yellow (100%)

Blue (39%)

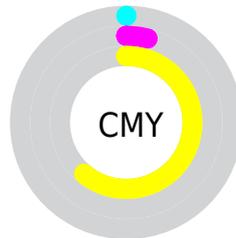


Cyan (0%)

Magenta (4%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 70.287, 101.266 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, 70.287, 101.266 by changing the saturation by 10% instead.

 95, 70.287,
101.266

 95, 70.287,
101.266

 100, 70.287,
101.266

 85, 70.287,
101.266

 75, 70.287,
101.266

 65, 70.287,
101.266

 55, 70.287,
101.266

 45, 70.287,
101.266

 35, 70.287,
101.266

 25, 70.287,

101.266

■ 15, 70.287,
101.266

■ 5, 70.287, 101.266

■ 95, 70.287,
101.266

■ 95, 70.287,
101.266

■ 94, 79.315,
100.455

■ 96, 59.908,
102.279

■ 94, 86.342, 99.692

■ 96, 48.702,
103.286

■ 93, 90.732, 99.055

■ 97, 37.013,
104.323

■ 93, 92.477, 98.560

■ 98, 25.060,
105.368

■ 99, 12.982,
106.405

100, 0.862,
107.310

100, 0.012,
296.813

Harmonies

Complementary

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



95, 70.287, 101.266



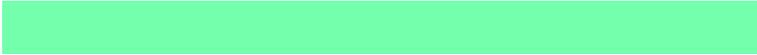
53, 83.017, 297.707

Rectangle

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



95, 70.287, 101.266



95, 70.287, 151.266



95, 70.287, 281.266



95, 70.287, 331.266

Sweetspot

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



95, 70.283, 101.326



98, 21.783, 105.652



63, 64.856, 23.191



52, 15.127, 105.348



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

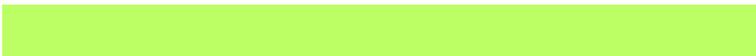
The Same Dimension uses a secret algorithm to generate beautiful new colors.



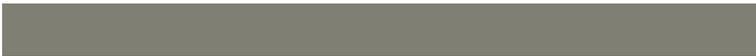
95, 70.283, 101.326



94, 81.118, 100.270



93, 78.981, 123.961



53, 6.885, 106.529



72, 74.542, 98.638



25, 33.801, 99.358

Inverse Universe

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



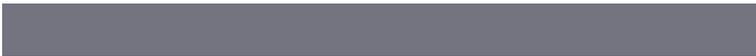
53, 83.017, 297.707



45, 101.497, 300.730



57, 88.202, 310.246



49, 7.021, 288.551



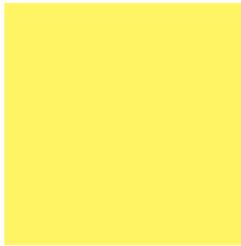
24, 104.941, 305.550



4, 42.111, 300.663

Previews

White Background



This preview shows how the CIELCh color 95, 70.287, 101.266 looks on a white background.

Color Contrast Check

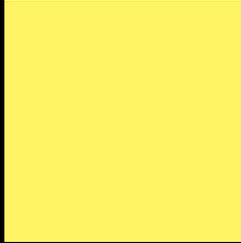
Large Text (above 18pt) WCAG AA × Fail

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, 70.287, 101.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

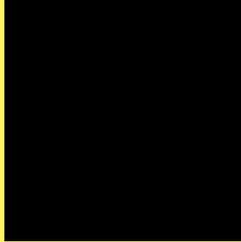
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

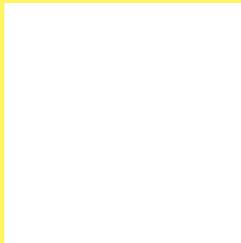
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 70.287, 101.266

Background



This preview shows how black text looks on a background with the CIELCh color 95, 70.287, 101.266.



This preview shows how white text looks on a background with the CIELCh color 95, 70.287, 101.266.

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, 70.287, 101.266

Protanopia
95, 29.526, 97.300

Deuteranopia
95, 12.009, 77.799

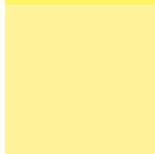


Tritanopia
95, 8.502, 347.064

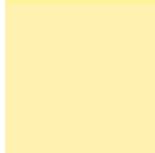
Trichromacy



Original Color
95, 70.287, 101.266



Protanomaly
95, 45.085, 100.520



Deuteranomaly
95, 33.986, 98.238



Tritanomaly
95, 24.783, 93.932

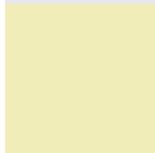
Monochromacy



Original Color
95, 70.287, 101.266



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 27.108, 105.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 70.287, 101.266 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 70.287, 101.266 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, 100) }
```

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

```
.border{ border-color:rgb(255, 245, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 70.287, 101.266 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, 100) }
```

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

```
.background{ background-color: rgb(255,  
245, 100) }
```

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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