

Converting Colors

CIELCh(91, 64.635, 96.034)

Have a look what the booklet for
CIELCh(91, 64.635, 96.034) contains.

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Color

CIELCh(91, 64.590, 95.925)

Conversions

Conversions Part 1

Format	Color
Hex	FEE665
RGB	254, 230, 101
RGB Percent	100%, 90%, 40%
CMY	0.0046, 0.0986, 0.6045
CMYK	0.00, 0.09, 0.60, 0.00
HSL	51°, 98%, 70%
HSV	51°, 60%, 100%
XYZ	71.4074, 78.4833, 23.6588
YIQ	222.4700, 55.7130, -35.0310

Conversions

Conversions Part 2

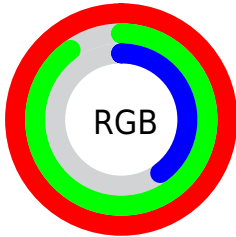
Format	Color
RYB	129, 254, 101
Decimal	16705125
CIELab	91.00, -6.67, 64.24
CIELCh	91, 64.590, 95.925
Yxy	78.4833, 0.4115, 0.4522
Android (android.graphics.Color)	4294895205 (0xFFFE665)
YUV	222.4700, -59.8847, 27.6518
Hunter-Lab	88.5908, -11.1564, 46.1797

Details

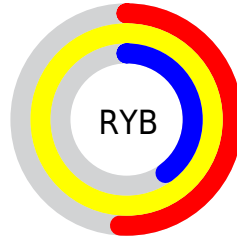
The CIELCh color **91, 64.590, 95.925** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **57, 73.250, 293.681**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 49.271, 106.409**, and **71, 64.561, 96.116** is the 20% darker color. If you saturate the color by 10%, you get **90, 73.444, 94.771**, and if you desaturate by 10%, it is **92, 54.649, 97.098**.

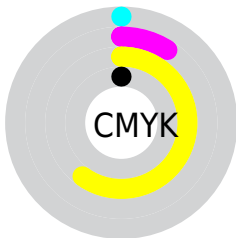
Distribution



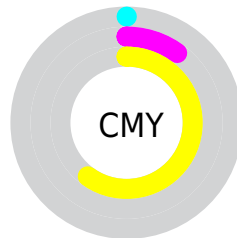
- Red (100%)
- Green (90%)
- Blue (40%)



- Red (51%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 64.590, 95.925 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 91, 64.590, 95.925 by changing the saturation by 10% instead.

 91, 64.590, 95.925

 91, 64.590, 95.925

 100, 64.590,
95.925

 81, 64.590, 95.925

 71, 64.590, 95.925

 61, 64.590, 95.925

 51, 64.590, 95.925

 41, 64.590, 95.925

 31, 64.590, 95.925

 21, 64.590, 95.925

 11, 64.590, 95.925

 1, 64.590, 95.925

91, 64.590, 95.925

91, 64.590, 95.925

90, 73.444, 94.771

92, 54.649, 97.098

89, 80.522, 93.622

94, 44.100, 98.275

88, 85.056, 92.459

95, 33.243, 99.448

87, 86.862, 91.277

96, 22.259,
100.605

98, 11.252,
101.734

100, 0.281,
102.283

100, 0.405,
201.015

Harmonies

Complementary

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



91, 64.590, 95.925



57, 73.250, 293.681

Rectangle

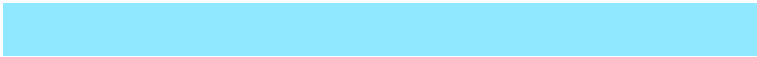
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 64.590, 95.925



91, 64.590, 145.925



91, 64.590, 275.925



91, 64.590, 325.925

Sweetspot

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



91, 64.591, 95.928



97, 19.837, 100.864



63, 62.458, 15.557



51, 13.789, 100.531



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



91, 64.591, 95.928



90, 75.093, 94.569



94, 76.288, 119.987



52, 6.252, 101.819



67, 70.309, 91.498



23, 31.450, 93.149

Inverse Universe

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



57, 73.250, 293.681



49, 89.610, 296.922



55, 87.249, 307.486



49, 6.344, 284.007



26, 98.558, 303.761



5, 39.138, 298.737

Previews

White Background



This preview shows how the CIE LCh color 91, 64.590, 95.925 looks on a white background.

Color Contrast Check

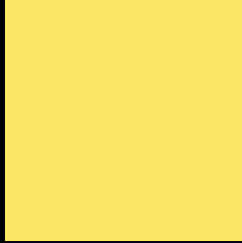
Large Text (above 18pt) WCAG AA × Fail

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 91, 64.590, 95.925 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 91, 64.590, 95.925

Background



This preview shows how black text looks on a background with the CIELCh color 91, 64.590, 95.925.



This preview shows how white text looks on a background with the CIELCh color 91, 64.590, 95.925.

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

91, 64.590, 95.925

Protanopia

91, 64.668, 95.556

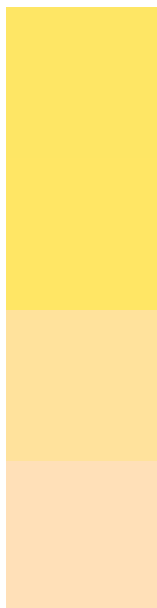
Deuteranopia

91, 22.677, 76.572



Tritanopia
91, 14.095, 354.359

Trichromacy



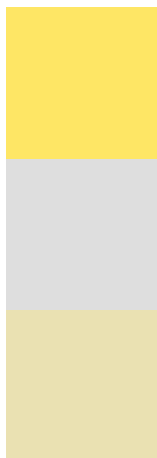
Original Color
91, 64.590, 95.925

Protanomaly
91, 64.668, 95.556

Deuteranomaly
91, 37.876, 89.218

Tritanomaly
91, 24.031, 78.301

Monochromacy



Original Color
91, 64.590, 95.925

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 24.517, 99.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 64.590, 95.925 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, 230, 101)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 101)  
}
```

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, 230, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 64.590, 95.925 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, 230, 101) }
```

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

```
.border{ border-color:rgb(254, 230, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 230, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 101);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 64.590, 95.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 101) }
```

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

```
.background{ background-color: rgb(254,  
230, 101) }
```

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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