

Converting Colors

CIELCh(91, 75.402, 96.329)

Have a look what the booklet for
CIELCh(91, 75.402, 96.329) contains.

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Color

CIELCh(91, 75.506, 96.588)

Conversions

Conversions Part 1

Format	Color
Hex	FEE74A
RGB	254, 231, 74
RGB Percent	100%, 91%, 29%
CMY	0.0052, 0.0953, 0.7110
CMYK	0.00, 0.09, 0.71, 0.01
HSL	52°, 99%, 64%
HSV	52°, 71%, 99%
XYZ	70.4711, 78.4833, 17.8574
YIQ	219.9790, 64.1050, -43.9510

Conversions

Conversions Part 2

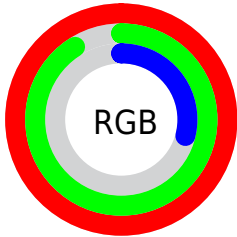
Format	Color
RYB	100, 254, 74
Decimal	16705354
CIELab	91.00, -8.66, 75.01
CIELCh	91, 75.506, 96.588
Yxy	78.4833, 0.4225, 0.4705
Android (android.graphics.Color)	4294895434 (0xFFFE74A)
YUV	219.9790, -71.9676, 29.8364
Hunter-Lab	88.5908, -13.0429, 50.0624

Details

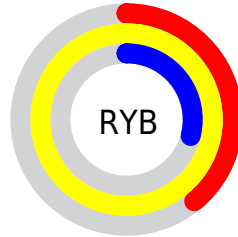
The CIELCh color **91, 75.506, 96.588** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **48, 91.033, 297.842**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 60.873, 105.518**, and **71, 73.804, 96.861** is the 20% darker color. If you saturate the color by 10%, you get **90, 82.413, 95.566**, and if you desaturate by 10%, it is **92, 66.707, 97.657**.

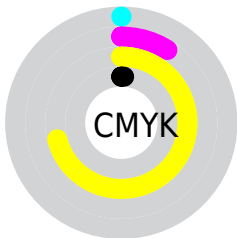
Distribution



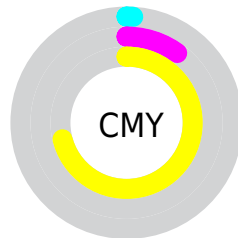
- Red (100%)
- Green (91%)
- Blue (29%)



- Red (39%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (9%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (10%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 75.506, 96.588 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, 75.506, 96.588 by changing the saturation by 10% instead.

91, 75.506, 96.588

91, 75.506, 96.588

100, 75.506,
96.588

81, 75.506, 96.588

71, 75.506, 96.588

61, 75.506, 96.588

51, 75.506, 96.588

41, 75.506, 96.588

31, 75.506, 96.588

21, 75.506, 96.588

11, 75.506, 96.588

1, 75.506, 96.588

91, 75.506, 96.588

91, 75.506, 96.588

90, 82.413, 95.566

92, 66.707, 97.657

89, 86.709, 94.573

93, 56.707, 98.759

88, 88.299, 93.677

94, 46.008, 99.882

95, 34.932,
101.012

97, 23.679,
102.135

98, 12.366,
103.236

99, 1.062, 104.192

100, 0.461,
200.814

Harmonies

Complementary

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



91, 75.506, 96.588



48, 91.033, 297.842

Rectangle

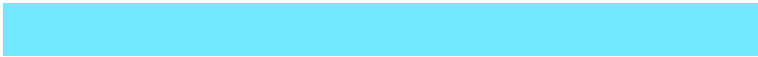
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 75.506, 96.588



91, 75.506, 146.588



91, 75.506, 276.588



91, 75.506, 326.588

Sweetspot

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



91, 75.506, 96.591



97, 23.835, 102.129



59, 73.872, 21.700



51, 16.130, 101.820



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, 75.506, 96.591



90, 84.846, 95.159



92, 87.616, 121.247



53, 6.445, 103.392



69, 71.495, 93.849



23, 32.154, 95.208

Inverse Universe

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



48, 91.033, 297.842



40, 110.697, 301.604



49, 102.168, 309.070



49, 6.551, 285.526



25, 100.942, 304.452



5, 40.068, 299.383

Previews

White Background



This preview shows how the CIELCh color 91, 75.506, 96.588 looks on a white background.

Color Contrast Check

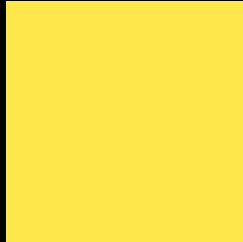
Large Text (above 18pt) WCAG AA × Fail

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, 75.506, 96.588 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, 75.506, 96.588

Background



This preview shows how black text looks on a background with the CIELCh color 91, 75.506, 96.588.



This preview shows how white text looks on a background with the CIELCh color 91, 75.506, 96.588.

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](#).

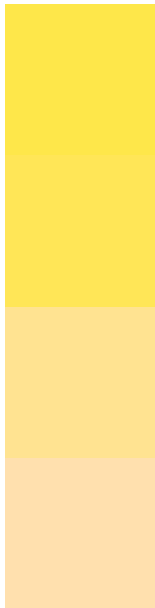
Dichromacy





Tritanopia
91, 13.892, 356.291

Trichromacy



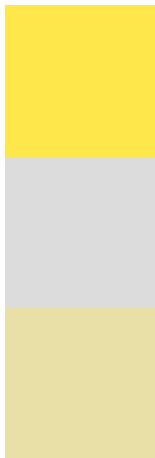
Original Color
91, 75.506, 96.588

Protanomaly
91, 70.405, 95.789

Deuteranomaly
91, 43.498, 91.492

Tritanomaly
91, 28.668, 82.763

Monochromacy



Original Color
91, 75.506, 96.588

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 29.562, 101.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 75.506, 96.588 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, 231, 74)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 74)  
}
```

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, 231, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 75.506, 96.588 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, 231, 74) }
```

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

```
.border{ border-color:rgb(254, 231, 74) }
```

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

Here you see how a box with a 4 pixel rgb(254, 231, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 74);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 75.506, 96.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 74) }
```

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

```
.background{ background-color: rgb(254,  
231, 74) }
```

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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