

Converting Colors

CIELCh(91, 71.581, 95.551)

Have a look what the booklet for
CIELCh(91, 71.581, 95.551) contains.

CIELCh(91, 71.572, 95.824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(91, 71.572, 95.824)

Conversions

Conversions Part 1

Format	Color
Hex	FFE654
RGB	255, 230, 84
RGB Percent	100%, 90%, 33%
CMY	0.0001, 0.0981, 0.6706
CMYK	0.00, 0.10, 0.67, 0.00
HSL	51°, 100%, 66%
HSV	51°, 67%, 100%
XYZ	71.1272, 78.4833, 19.7848
YIQ	220.8310, 61.7660, -40.1060

Conversions

Conversions Part 2

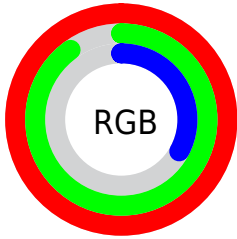
Format	Color
R _Y B	113, 255, 84
Decimal	16770644
CIE Lab	91.00, -7.26, 71.20
CIE LCh	91, 71.572, 95.824
Yxy	78.4833, 0.4199, 0.4633
Android (android.graphics.Color)	4294960724 (0xFFFFE654)
YUV	220.8310, -67.4577, 29.9662
Hunter-Lab	88.5908, -11.7209, 48.7724

Details

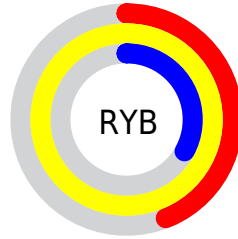
The CIELCh color **91, 71.572, 95.824** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **52, 83.923, 296.000**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 56.773, 105.832**, and **71, 71.556, 95.777** is the 20% darker color. If you saturate the color by 10%, you get **90, 79.329, 94.716**, and if you desaturate by 10%, it is **92, 62.247, 96.960**.

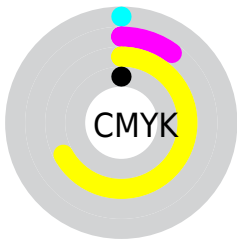
Distribution



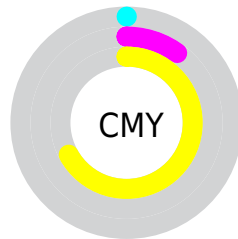
- Red (100%)
- Green (90%)
- Blue (33%)



- Red (44%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (10%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 71.572, 95.824 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, 71.572, 95.824 by changing the saturation by 10% instead.

91, 71.572, 95.824

91, 71.572, 95.824

100, 71.572,
95.824

81, 71.572, 95.824

71, 71.572, 95.824

61, 71.572, 95.824

51, 71.572, 95.824

41, 71.572, 95.824

31, 71.572, 95.824

21, 71.572, 95.824

11, 71.572, 95.824

1, 71.572, 95.824

91, 71.572, 95.824

91, 71.572, 95.824

90, 79.329, 94.716

92, 62.247, 96.960

89, 84.751, 93.617

93, 51.979, 98.111

88, 87.277, 92.495

95, 41.192, 99.270

88, 87.679, 92.160

96, 30.147,
100.425

97, 19.000,
101.563

99, 7.843, 102.668

100, 0.012,
269.929

Harmonies

Complementary

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



91, 71.572, 95.824



52, 83.923, 296.000

Rectangle

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



91, 71.572, 95.824



91, 71.572, 145.824



91, 71.572, 275.824



91, 71.572, 325.824

Sweetspot

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



91, 71.572, 95.827



97, 22.283, 101.231



61, 69.897, 19.025



51, 15.204, 100.911



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, 71.572, 95.827



90, 81.204, 94.393



93, 83.914, 120.563



53, 6.322, 102.403



68, 70.725, 92.366



23, 31.703, 93.912

Inverse Universe

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



52, 83.923, 296.000



44, 101.835, 299.614



51, 97.359, 308.426



49, 6.419, 284.571



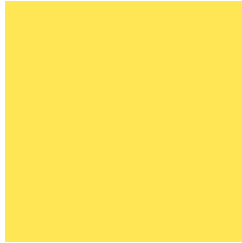
26, 99.464, 304.027



5, 39.476, 298.977

Previews

White Background



This preview shows how the CIE LCh color 91, 71.572, 95.824 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, 71.572, 95.824 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, 71.572, 95.824

Background



This preview shows how black text looks on a background with the CIELCh color 91, 71.572, 95.824.



This preview shows how white text looks on a background with the CIELCh color 91, 71.572, 95.824.

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, 71.572, 95.824

Protanopia

91, 67.182, 95.671

Deuteranopia

91, 23.577, 77.749



Tritanopia
91, 13.892, 356.291

Trichromacy



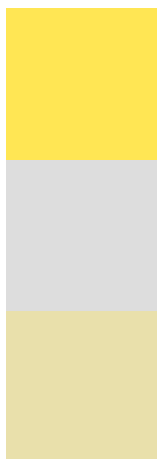
Original Color
91, 71.572, 95.824

Protanomaly
91, 68.813, 95.735

Deuteranomaly
91, 41.730, 90.445

Tritanomaly
91, 26.794, 81.184

Monochromacy



Original Color
91, 71.572, 95.824

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 27.582, 100.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 71.572, 95.824 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, 230, 84)` looks like.

```
.text, #text, p{  
    color:rgb(255, 230, 84)  
}
```

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, 230, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 230, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 71.572, 95.824 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, 230, 84) }
```

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

```
.border{ border-color:rgb(255, 230, 84) }
```

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

Here you see how a box with a 4 pixel rgb(255, 230, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 230, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 230, 84);  
box-shadow:4px 4px 4px 4px rgb(255, 230,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 71.572, 95.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 230, 84) }
```

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

```
.background{ background-color: rgb(255,  
230, 84) }
```

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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