

Converting Colors

CIELCh(90, 71.283, 95.414)

Have a look what the booklet for
CIELCh(90, 71.283, 95.414) contains.

CIELCh(90, 71.271, 95.389)	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(90, 71.271, 95.389)

Conversions

Conversions Part 1

Format	Color
Hex	FDE352
RGB	253, 227, 82
RGB Percent	99%, 89%, 32%
CMY	0.0086, 0.1104, 0.6791
CMYK	0.00, 0.10, 0.68, 0.01
HSL	51°, 98%, 66%
HSV	51°, 68%, 99%
XYZ	69.3831, 76.3034, 19.0207
YIQ	218.2440, 62.0410, -39.5830

Conversions

Conversions Part 2

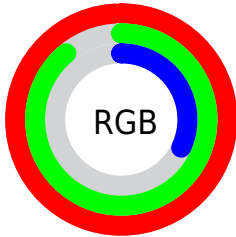
Format	Color
RYB	113, 253, 82
Decimal	16638802
CIELab	90.00, -6.69, 70.96
CIELCh	90, 71.271, 95.389
Yxy	76.3034, 0.4213, 0.4633
Android (android.graphics.Color)	4294828882 (0xFFFDE352)
YUV	218.2440, -67.1683, 30.4810
Hunter-Lab	87.3518, -11.0840, 48.2360

Details

The CIELCh color **90, 71.271, 95.389** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **51, 83.516, 295.895**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 57.693, 105.762**, and **70, 71.253, 95.297** is the 20% darker color. If you saturate the color by 10%, you get **89, 78.871, 94.261**, and if you desaturate by 10%, it is **91, 62.090, 96.539**.

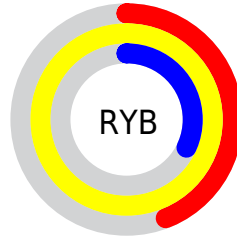
Distribution



Red (99%)

Green (89%)

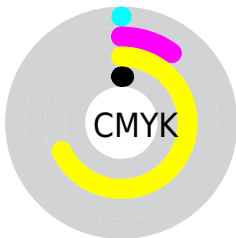
Blue (32%)



Red (44%)

Yellow (99%)

Blue (32%)

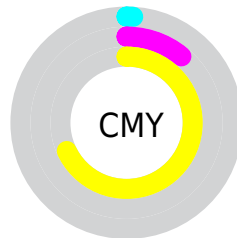


Cyan (0%)

Magenta (10%)

Yellow (68%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 71.271, 95.389 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 90, 71.271, 95.389 by changing the saturation by 10% instead.

 90, 71.271, 95.389

 90, 71.271, 95.389

 100, 71.271,
95.389

 80, 71.271, 95.389

 70, 71.271, 95.389

 60, 71.271, 95.389

 50, 71.271, 95.389

 40, 71.271, 95.389

 30, 71.271, 95.389

 20, 71.271, 95.389

 10, 71.271, 95.389

 0, 71.271, 95.389

90, 71.271, 95.389

90, 71.271, 95.389

89, 78.871, 94.261

91, 62.090, 96.539

88, 84.121, 93.132

92, 51.959, 97.701

87, 86.503, 91.965

94, 41.307, 98.870

87, 86.833, 91.684

95, 30.397,
100.033

97, 19.387,
101.178

98, 8.368, 102.291

100, 0.725,
264.400

100, 0.758,
200.232

Harmonies

Complementary

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



90, 71.271, 95.389



51, 83.516, 295.895

Rectangle

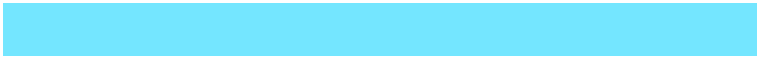
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 71.271, 95.389



90, 71.271, 145.389



90, 71.271, 275.389



90, 71.271, 325.389

Sweetspot

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



90, 71.271, 95.392



97, 22.154, 100.908



60, 69.667, 17.931



51, 15.117, 100.587



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



90, 71.271, 95.392



89, 81.490, 93.878



93, 83.563, 119.861



53, 6.284, 102.086



67, 70.496, 91.895



23, 31.564, 93.498

Inverse Universe

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



51, 83.516, 295.895



44, 102.472, 299.669



50, 97.562, 308.055



49, 6.378, 284.266



26, 98.976, 303.884



5, 39.292, 298.847

Previews

White Background



This preview shows how the CIELCh color 90, 71.271, 95.389 looks on a white background.

Color Contrast Check

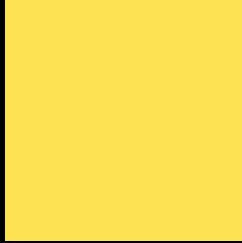
Large Text (above 18pt) WCAG AA × Fail

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 90, 71.271, 95.389 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 90, 71.271, 95.389

Background



This preview shows how black text looks on a background with the CIELCh color 90, 71.271, 95.389.



This preview shows how white text looks on a background with the CIELCh color 90, 71.271, 95.389.

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

90, 71.271, 95.389

Protanopia

90, 71.271, 95.389

Deuteranopia

90, 27.001, 78.475



Tritanopia
90, 15.476, 356.922

Trichromacy



Original Color
90, 71.271, 95.389

Protanomaly
90, 71.271, 95.389

Deuteranomaly
90, 43.524, 89.727

Tritanomaly
90, 27.027, 78.459

Monochromacy



Original Color
90, 71.271, 95.389

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 27.704, 99.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 71.271, 95.389 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(253, 227, 82)` looks like.

```
.text, #text, p{  
    color:rgb(253, 227, 82)  
}
```

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(253, 227, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 227, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 71.271, 95.389 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(253, 227, 82) }
```

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

```
.border{ border-color:rgb(253, 227, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 227, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 227, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 227, 82);  
box-shadow:4px 4px 4px 4px rgb(253, 227,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 71.271, 95.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 227, 82) }
```

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

```
.background{ background-color: rgb(253,  
227, 82) }
```

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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