

Converting Colors

CIELCh(72, 81.308, 117.759)

Have a look what the booklet for
CIELCh(72, 81.308, 117.759)
contains.

CIELCh(72, 81.200, 117.758)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 81.200, 117.758)

Conversions

Conversions Part 1

Format	Color
Hex	8FC004
RGB	143, 192, 4
RGB Percent	56%, 75%, 2%
CMY	0.4384, 0.2462, 0.9858
CMYK	0.25, 0.00, 0.98, 0.25
HSL	76°, 96%, 38%
HSV	76°, 98%, 75%
XYZ	30.2811, 43.6590, 6.9342
YIQ	155.9170, 31.1440, -68.8560

Conversions

Conversions Part 2

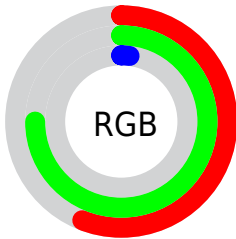
Format	Color
RYB	4, 192, 53
Decimal	9420804
CIELab	72.00, -37.82, 71.86
CIElCh	72, 81.200, 117.758
Yxy	43.6590, 0.3744, 0.5398
Android (android.graphics.Color)	4287610884 (0xFF8FC004)
YUV	155.9170, -74.8951, -11.3282
Hunter-Lab	66.0750, -33.8275, 40.0303

Details

The CIELCh color **72, 81.200, 117.758** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **26, 104.719, 307.796**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 81.175, 117.888**, and **52, 66.156, 122.999** is the 20% darker color. If you saturate the color by 10%, you get **72, 81.684, 117.914**, and if you desaturate by 10%, it is **72, 78.209, 116.997**.

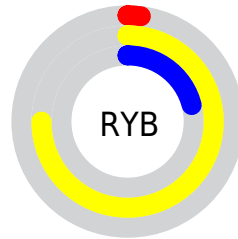
Distribution



Red (56%)

Green (75%)

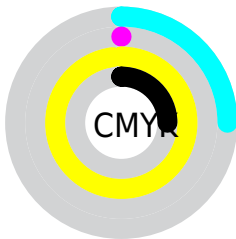
Blue (2%)



Red (2%)

Yellow (75%)

Blue (21%)

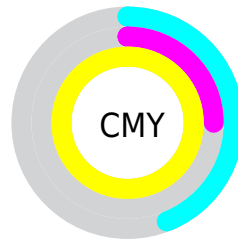


Cyan (25%)

Magenta (0%)

Yellow (98%)

Black (25%)



Cyan (44%)


Magenta (25%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 81.200, 117.758 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 72, 81.200, 117.758 by changing the saturation by 10% instead.


 72, 81.200,
117.758


 72, 81.200,
117.758


 100, 81.200,
117.758


 62, 81.200,
117.758


 92, 81.200,
117.758

 52, 81.200,
117.758

 42, 81.200,
117.758

 32, 81.200,
117.758

 22, 81.200,
117.758

 12, 81.200,
117.758

 2, 81.200, 117.758

■ 0, 81.200, 117.758

■ 72, 81.200,
117.758

■ 72, 81.200,
117.758

■ 72, 81.684,
117.914

■ 72, 78.209,
116.997

■ 73, 73.248,
116.644

■ 73, 66.442,
116.659

■ 74, 58.249,
116.941

■ 74, 49.112,
117.394

■ 75, 39.368,
117.948

■ 76, 29.253,
118.553

■ 76, 18.926,
119.176

■ 77, 8.492, 119.797

Harmonies

Complementary

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



72, 81.200, 117.758



26, 104.719, 307.796

Rectangle

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



72, 81.200, 117.758



72, 81.200, 167.758



72, 81.200, 297.758



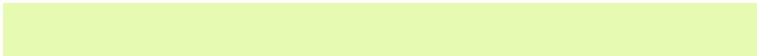
72, 81.200, 347.758

Sweetspot

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



72, 81.200, 117.760



95, 37.305, 118.470



44, 77.196, 45.139



50, 25.519, 118.208



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 81.200, 117.760



91, 99.617, 118.126



68, 93.689, 133.939



41, 5.968, 119.719



61, 71.450, 117.738



11, 19.444, 121.776

Inverse Universe

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



26, 104.719, 307.796



34, 128.991, 307.692



38, 95.426, 319.063



38, 6.085, 300.873



20, 92.412, 307.930



2, 19.681, 298.119

Previews

White Background



This preview shows how the CIELCh color 72, 81.200, 117.758 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 72, 81.200, 117.758 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 72, 81.200, 117.758

Background



This preview shows how black text looks on a background with the CIELCh color 72, 81.200, 117.758.

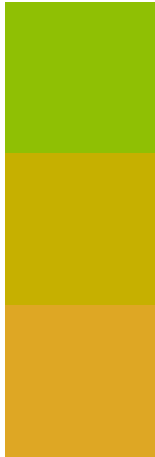


This preview shows how white text looks on a background with the CIELCh color 72, 81.200, 117.758.

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](#).

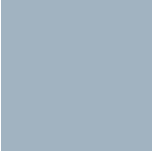
Dichromacy



Original Color
72, 81.097, 117.784

Protanopia
72, 74.106, 95.112

Deuteranopia
72, 69.247, 82.280



Tritanopia
72, 9.778, 250.522

Trichromacy



Original Color
72, 81.097, 117.784

Protanomaly
72, 75.150, 104.224

Deuteranomaly
71, 70.431, 96.911

Tritanomaly
71, 34.198, 126.963

Monochromacy



Original Color
72, 81.097, 117.784

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 37.384, 118.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 81.200, 117.758 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(143, 192, 4)` looks like.

```
.text, #text, p{  
    color:rgb(143, 192, 4)  
}
```

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(143, 192, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 192, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 81.200, 117.758 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(143, 192, 4) }
```

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

```
.border{ border-color:rgb(143, 192, 4) }
```

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

Here you see how a box with a 4 pixel rgb(143, 192, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 192, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 192, 4);  
box-shadow:4px 4px 4px 4px rgb(143, 192,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 81.200, 117.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 192, 4) }
```

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

```
.background{ background-color: rgb(143,  
192, 4) }
```

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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