

Converting Colors

CIELCh(72, 46.639, 143.695)

Have a look what the booklet for
CIELCh(72, 46.639, 143.695)
contains.

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Color

CIELCh(72, 46.639, 143.695)

Conversions

Conversions Part 1

Format	Color
Hex	76C17C
RGB	118, 193, 124
RGB Percent	46%, 76%, 49%
CMY	0.5357, 0.2416, 0.5123
CMYK	0.39, 0.00, 0.36, 0.24
HSL	125°, 38%, 61%
HSV	125°, 39%, 76%
XYZ	30.3430, 43.6590, 26.0190
YIQ	162.7090, -22.5510, -37.3590

Conversions

Conversions Part 2

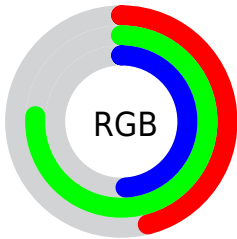
Format	Color
RYB	118, 187, 193
Decimal	7782780
CIELab	72.00, -37.59, 27.61
CIELCh	72, 46.639, 143.695
Yxy	43.6590, 0.3034, 0.4365
Android (android.graphics.Color)	4285972860 (0xFF76C17C)
YUV	162.7090, -19.0835, -39.2098
Hunter-Lab	66.0750, -33.6602, 22.9053

Details

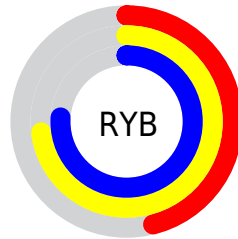
The CIELCh color $72, 46.639, 143.695$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $60, 46.583, 328.870$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $92, 46.709, 143.636$, and $52, 46.920, 143.698$ is the 20% darker color. If you saturate the color by 10%, you get $71, 57.987, 142.615$, and if you desaturate by 10%, it is $73, 34.791, 144.641$.

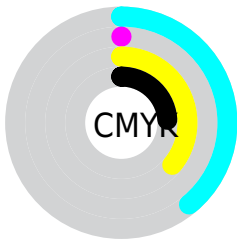
Distribution



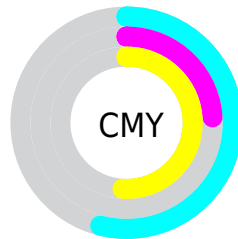
- Red (46%)
- Green (76%)
- Blue (49%)



- Red (46%)
- Yellow (73%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (24%)





- Cyan (54%)
- Magenta (24%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 46.639, 143.695 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, 46.639, 143.695 by changing the saturation by 10% instead.


 72, 46.639,
143.695

 72, 46.639,
143.695


 100, 46.639,
143.695

 62, 46.639,
143.695


 92, 46.639,
143.695

 52, 46.639,
143.695

 42, 46.639,
143.695

 32, 46.639,
143.695

 22, 46.639,
143.695

 12, 46.639,
143.695

 2, 46.639, 143.695

0, 46.639, 143.695

72, 46.639,
143.695

72, 46.639,
143.695

71, 57.987,
142.615

73, 34.791,
144.641

70, 68.525,
141.411

75, 22.698,
145.458

69, 77.901,
140.121

77, 10.564,
146.167

69, 85.735,
138.823

78, 1.456, 326.549

68, 91.655,
137.634

81, 13.251,
327.220

68, 95.446,
136.725

83, 24.748,
327.662

■ 68, 95.781,
136.656

■ 85, 35.902,
328.037

■ 85, 38.631,
325.766

Harmonies

Complementary

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



72, 46.639, 143.695



60, 46.583, 328.870

Rectangle

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



72, 46.639, 143.695



72, 46.639, 193.695



72, 46.639, 323.695



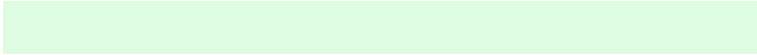
72, 46.639, 13.695

Sweetspot

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



72, 46.640, 143.695



96, 17.950, 145.935



76, 39.416, 109.487



52, 12.012, 145.842



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 46.640, 143.695



90, 69.463, 142.733



73, 32.006, 163.511



40, 6.829, 146.128



57, 83.213, 136.788



10, 23.352, 145.536

Inverse Universe

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



60, 46.583, 328.870



72, 69.124, 329.362



59, 34.150, 351.527



38, 6.842, 327.174



37, 76.893, 331.646



4, 22.483, 329.160

Previews

White Background



This preview shows how the CIELCh color 72, 46.639, 143.695 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, 46.639, 143.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

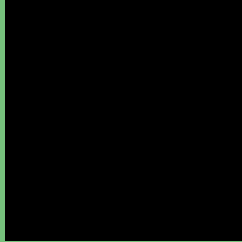
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 46.639, 143.695

Background



This preview shows how black text looks on a background with the CIELCh color 72, 46.639, 143.695.



This preview shows how white text looks on a background with the CIELCh color 72, 46.639, 143.695.

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, 46.639, 143.695

Protanopia
72, 32.245, 96.429

Deuteranopia
71, 26.615, 70.123



Tritanopia
72, 18.395, 224.817

Trichromacy



Original Color
72, 46.639, 143.695



Protanomaly
71, 33.941, 119.452



Deuteranomaly
71, 26.397, 109.315



Tritanomaly
72, 22.410, 176.158

Monochromacy



Original Color
72, 46.639, 143.695



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 17.249, 145.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 46.639, 143.695 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(118, 193, 124)` looks like.

```
.text, #text, p{  
    color:rgb(118, 193, 124)  
}
```

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(118, 193, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 193, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 46.639, 143.695 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(118, 193, 124) }
```

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

```
.border{ border-color:rgb(118, 193, 124) }
```

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

Here you see how a box with a 4 pixel rgb(118, 193, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 193, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 193, 124);  
box-shadow:4px 4px 4px 4px rgb(118, 193,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 46.639, 143.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 193, 124) }
```

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

```
.background{ background-color: rgb(118,  
193, 124) }
```

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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