

Converting Colors

CIELCh(72, 36.528, 150.157)

Have a look what the booklet for
CIELCh(72, 36.528, 150.157)
contains.

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Color

CIELCh(72, 36.476, 150.179)

Conversions

Conversions Part 1

Format	Color
Hex	7CBF8E
RGB	124, 191, 142
RGB Percent	49%, 75%, 56%
CMY	0.5126, 0.2498, 0.4420
CMYK	0.35, 0.00, 0.26, 0.25
HSL	136°, 34%, 62%
HSV	136°, 35%, 75%
XYZ	31.9528, 43.6590, 32.4446
YIQ	165.3810, -24.2030, -29.4430

Conversions

Conversions Part 2

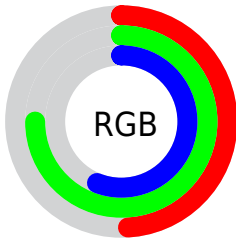
Format	Color
RYB	124, 177, 191
Decimal	8175502
CIELab	72.00, -31.65, 18.14
CIELCh	72, 36.476, 150.179
Yxy	43.6590, 0.2957, 0.4040
Android (android.graphics.Color)	4286365582 (0xFF7CBF8E)
YUV	165.3810, -11.5268, -36.2911
Hunter-Lab	66.0750, -29.3115, 17.1395

Details

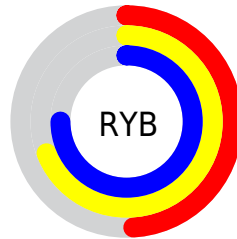
The CIELCh color $72, 36.476, 150.179$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 36.788, 335.500$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $92, 36.474, 150.043$, and $52, 36.130, 150.376$ is the 20% darker color. If you saturate the color by 10%, you get $71, 46.486, 149.058$, and if you desaturate by 10%, it is $73, 26.151, 151.152$.

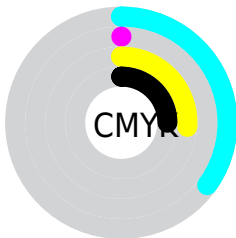
Distribution



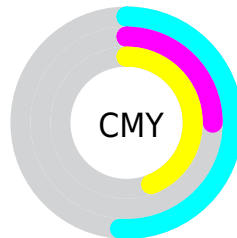
- Red (49%)
- Green (75%)
- Blue (56%)



- Red (49%)
- Yellow (69%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)





- Cyan (51%)
- Magenta (25%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 36.476, 150.179 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, 36.476, 150.179 by changing the saturation by 10% instead.


 72, 36.476,
150.179


 72, 36.476,
150.179


 100, 36.476,
150.179


 62, 36.476,
150.179


 92, 36.476,
150.179

 52, 36.476,
150.179

 42, 36.476,
150.179

 32, 36.476,
150.179

 22, 36.476,
150.179

 12, 36.476,
150.179

 2, 36.476, 150.179

■ 0, 36.476, 150.179

■ 72, 36.476,
150.179

■ 72, 36.476,
150.179

■ 71, 46.486,
149.058

■ 73, 26.151,
151.152

■ 70, 55.981,
147.771

■ 75, 15.684,
152.001

■ 69, 64.753,
146.307

■ 77, 5.219, 152.773

■ 78, 5.132, 333.289

■ 69, 72.609,
144.671

■ 80, 15.285,
333.892

■ 68, 79.384,
142.893

■ 83, 25.185,
334.397

■ 68, 84.965,
141.040

■ 84, 34.070,

■ 68, 87.358,
140.184

333.323

■ 85, 39.621,
326.142

■ 85, 39.944,
325.811

Harmonies

Complementary

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



72, 36.476, 150.179



60, 36.788, 335.500

Rectangle

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



72, 36.476, 150.179



72, 36.476, 200.179



72, 36.476, 330.179



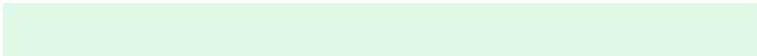
72, 36.476, 20.179

Sweetspot

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



72, 36.477, 150.179



96, 14.237, 152.302



75, 36.172, 118.417



51, 9.571, 152.196



99, 0.012, 296.813



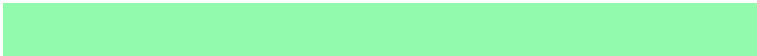
52, 0.007, 296.813

Same Dimension

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



72, 36.477, 150.179



90, 54.004, 149.335



73, 24.790, 177.352



40, 5.963, 152.439



58, 76.292, 140.446



10, 21.265, 149.427

Inverse Universe

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



60, 36.788, 335.500



73, 54.403, 336.110



59, 28.280, 4.833



38, 5.989, 333.627



36, 66.838, 342.431



4, 18.778, 338.377

Previews

White Background



This preview shows how the CIELCh color 72, 36.476, 150.179 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, 36.476, 150.179 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, 36.476, 150.179

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.476, 150.179.

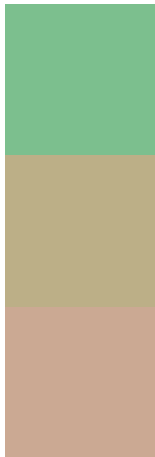


This preview shows how white text looks on a background with the CIELCh color 72, 36.476, 150.179.

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](#).

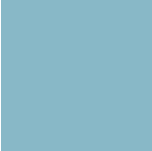
Dichromacy



Original Color
72, 36.476, 150.179

Protanopia
72, 22.292, 94.157

Deuteranopia
72, 18.410, 60.314



Tritanopia
72, 17.608, 226.153

Trichromacy



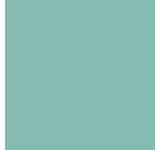
Original Color
72, 36.476, 150.179



Protanomaly
71, 24.053, 123.257



Deuteranomaly
71, 17.360, 112.394



Tritanomaly
72, 19.874, 183.490

Monochromacy



Original Color
72, 36.476, 150.179



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 13.486, 151.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.476, 150.179 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(124, 191, 142)` looks like.

```
.text, #text, p{  
    color:rgb(124, 191, 142)  
}
```

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(124, 191, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 191, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.476, 150.179 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(124, 191, 142) }
```

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

```
.border{ border-color:rgb(124, 191, 142) }
```

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

Here you see how a box with a 4 pixel rgb(124, 191, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 191, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 191, 142);  
box-shadow:4px 4px 4px 4px rgb(124, 191,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.476, 150.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 191, 142) }
```

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

```
.background{ background-color: rgb(124,  
191, 142) }
```

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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