

Converting Colors

CIELCh(72, 44.137, 148.507)

Have a look what the booklet for
CIELCh(72, 44.137, 148.507)
contains.

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Color

CIELCh(72, 44.260, 148.391)

Conversions

Conversions Part 1

Format	Color
Hex	72C285
RGB	114, 194, 133
RGB Percent	45%, 76%, 52%
CMY	0.5543, 0.2406, 0.4798
CMYK	0.41, 0.00, 0.31, 0.24
HSL	134°, 39%, 60%
HSV	134°, 41%, 76%
XYZ	30.3141, 43.6590, 28.8968
YIQ	163.1260, -28.0990, -35.9310

Conversions

Conversions Part 2

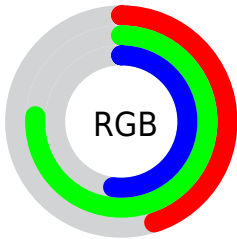
Format	Color
RYB	114, 179, 194
Decimal	7520901
CIELab	72.00, -37.69, 23.20
CIELCh	72, 44.260, 148.391
Yxy	43.6590, 0.2947, 0.4244
Android (android.graphics.Color)	4285710981 (0xFF72C285)
YUV	163.1260, -14.8521, -43.0835
Hunter-Lab	66.0750, -33.7383, 20.3230

Details

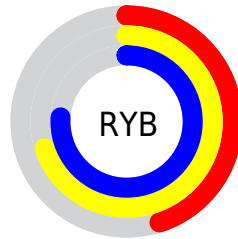
The CIELCh color **72, 44.260, 148.391** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **58, 44.484, 334.716**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 44.451, 148.205**, and **52, 44.341, 148.358** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.303, 147.183**, and if you desaturate by 10%, it is **73, 33.762, 149.441**.

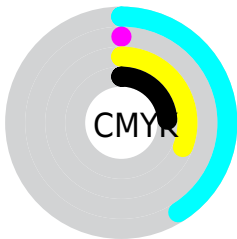
Distribution



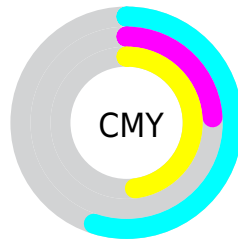
- Red (45%)
- Green (76%)
- Blue (52%)



- Red (45%)
- Yellow (70%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)





- Cyan (55%)
- Magenta (24%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 44.260, 148.391 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, 44.260, 148.391 by changing the saturation by 10% instead.


 72, 44.260,
148.391


 72, 44.260,
148.391


 100, 44.260,
148.391


 62, 44.260,
148.391


 92, 44.260,
148.391

 52, 44.260,
148.391

 42, 44.260,
148.391

 32, 44.260,
148.391

 22, 44.260,
148.391

 12, 44.260,
148.391

 2, 44.260, 148.391

0, 44.260, 148.391

72, 44.260,
148.391

72, 44.260,
148.391

71, 54.303,
147.183

73, 33.762,
149.441

70, 63.668,
145.805

75, 23.009,
150.351

69, 72.132,
144.261

76, 12.174,
151.147

69, 79.495,
142.578

78, 1.395, 152.024

69, 85.591,
140.819

80, 9.224, 332.358

82, 19.609,
332.895

68, 89.854,
139.368

84, 29.713,

333.358

■ 85, 36.721,
327.737

■ 85, 38.483,
325.761

Harmonies

Complementary

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



72, 44.260, 148.391



58, 44.484, 334.716

Rectangle

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



72, 44.260, 148.391



72, 44.260, 198.391



72, 44.260, 328.391



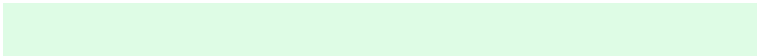
72, 44.260, 18.391

Sweetspot

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



72, 44.261, 148.391



96, 16.027, 151.080



75, 42.603, 116.640



52, 10.724, 150.978



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, 44.261, 148.391



90, 65.683, 147.248



73, 29.747, 174.112



40, 6.099, 151.291



58, 77.763, 139.629



10, 21.598, 148.741

Inverse Universe

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



58, 44.484, 334.716



70, 65.705, 335.456



57, 34.210, 3.424



38, 6.122, 332.450



36, 68.276, 340.380



4, 19.323, 336.600

Previews

White Background



This preview shows how the CIELCh color 72, 44.260, 148.391 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, 44.260, 148.391 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, 44.260, 148.391

Background



This preview shows how black text looks on a background with the CIELCh color 72, 44.260, 148.391.

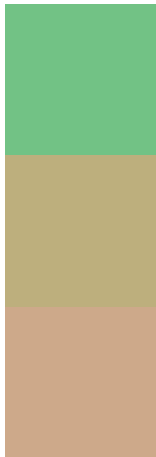


This preview shows how white text looks on a background with the CIELCh color 72, 44.260, 148.391.

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, 44.260, 148.391

Protanopia

72, 27.609, 95.243

Deuteranopia

72, 22.680, 67.436



Tritanopia
72, 19.948, 222.487

Trichromacy



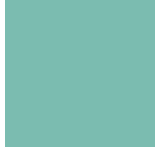
Original Color
72, 44.260, 148.391



Protanomaly
71, 30.095, 122.877



Deuteranomaly
71, 22.790, 114.017



Tritanomaly
72, 23.414, 181.262

Monochromacy



Original Color
72, 44.260, 148.391



Achromatopsia
67, 0.008, 296.813



Achromatomaly
68, 16.434, 150.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 44.260, 148.391 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(114, 194, 133)` looks like.

```
.text, #text, p{  
    color:rgb(114, 194, 133)  
}
```

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(114, 194, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 194, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 44.260, 148.391 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(114, 194, 133) }
```

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

```
.border{ border-color:rgb(114, 194, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 194, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 194, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 194, 133);  
box-shadow:4px 4px 4px 4px rgb(114, 194,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 44.260, 148.391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 194, 133) }
```

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

```
.background{ background-color: rgb(114,  
194, 133) }
```

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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