

Converting Colors

CIELCh(72, 36.082, 152.361)

Have a look what the booklet for
CIELCh(72, 36.082, 152.361)
contains.

CIELCh(72, 36.320, 152.330)	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, 36.320, 152.330)

Conversions

Conversions Part 1

Format	Color
Hex	7AC091
RGB	122, 192, 145
RGB Percent	48%, 75%, 57%
CMY	0.5231, 0.2487, 0.4329
CMYK	0.37, 0.00, 0.25, 0.25
HSL	140°, 36%, 61%
HSV	140°, 37%, 75%
XYZ	31.8095, 43.6590, 33.3810
YIQ	165.7120, -26.6330, -29.4570

Conversions

Conversions Part 2

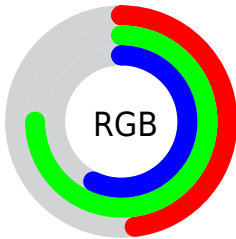
Format	Color
RYB	122, 175, 192
Decimal	8044689
CIELab	72.00, -32.17, 16.87
CIELCh	72, 36.320, 152.330
Yxy	43.6590, 0.2922, 0.4011
Android (android.graphics.Color)	4286234769 (0xFF7AC091)
YUV	165.7120, -10.2110, -38.3354
Hunter-Lab	66.0750, -29.6985, 16.2992

Details

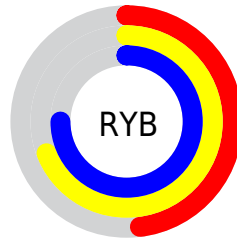
The CIELCh color **72, 36.320, 152.330** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 36.849, 338.264**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 36.352, 152.155**, and **52, 36.542, 152.233** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.798, 151.154**, and if you desaturate by 10%, it is **73, 26.506, 153.355**.

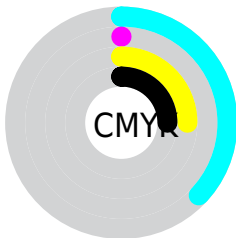
Distribution



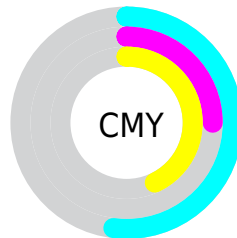
- Red (48%)
- Green (75%)
- Blue (57%)



- Red (48%)
- Yellow (69%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (25%)
- Black (25%)





- Cyan (52%)
- Magenta (25%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 36.320, 152.330 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, 36.320, 152.330 by changing the saturation by 10% instead.


 72, 36.320,
152.330


 72, 36.320,
152.330


 100, 36.320,
152.330


 62, 36.320,
152.330


 92, 36.320,
152.330

 52, 36.320,
152.330

 42, 36.320,
152.330

 32, 36.320,
152.330

 22, 36.320,
152.330

 12, 36.320,
152.330

 2, 36.320, 152.330

■ 0, 36.320, 152.330

■ 72, 36.320,
152.330

■ 72, 36.320,
152.330

■ 71, 45.798,
151.154

■ 73, 26.506,
153.355

■ 70, 54.752,
149.806

■ 75, 16.518,
154.253

■ 69, 63.003,
148.271

■ 76, 6.498, 155.065

■ 69, 70.388,
146.547

■ 78, 3.441, 335.603

■ 68, 76.792,
144.654

■ 80, 13.216,
336.285

■ 68, 82.170,
142.655

■ 82, 22.766,
336.841

■ 84, 31.879,

■ 68, 83.864,
142.003

336.984

■ 85, 36.690,
329.313

■ 85, 39.763,
325.804

Harmonies

Complementary

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



72, 36.320, 152.330



60, 36.849, 338.264

Rectangle

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



72, 36.320, 152.330



72, 36.320, 202.330



72, 36.320, 332.330



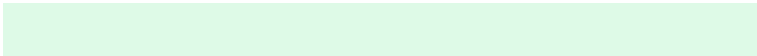
72, 36.320, 22.330

Sweetspot

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



72, 36.321, 152.330



96, 13.616, 154.693



74, 38.056, 120.377



51, 9.152, 154.583



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, 36.321, 152.330



90, 53.858, 151.380



73, 24.957, 181.162



40, 5.704, 154.837



58, 73.120, 142.293



10, 20.615, 150.846

Inverse Universe

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



60, 36.849, 338.264



72, 54.620, 339.012



59, 29.343, 8.829



38, 5.737, 336.090



35, 64.330, 346.793



3, 17.821, 341.945

Previews

White Background



This preview shows how the CIELCh color 72, 36.320, 152.330 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, 36.320, 152.330 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, 36.320, 152.330

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.320, 152.330.

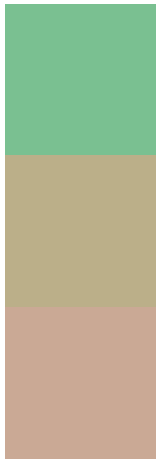


This preview shows how white text looks on a background with the CIELCh color 72, 36.320, 152.330.

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, 36.320, 152.330

Protanopia
72, 21.144, 94.701

Deuteranopia
72, 17.338, 58.690



Tritanopia
72, 18.395, 224.817

Trichromacy



Original Color
72, 36.320, 152.330



Protanomaly
71, 23.270, 125.833



Deuteranomaly
71, 16.326, 114.127



Tritanomaly
72, 20.588, 185.493

Monochromacy



Original Color
72, 36.320, 152.330



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 13.606, 155.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.320, 152.330 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(122, 192, 145)` looks like.

```
.text, #text, p{  
    color:rgb(122, 192, 145)  
}
```

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(122, 192, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 192, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.320, 152.330 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(122, 192, 145) }
```

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

```
.border{ border-color:rgb(122, 192, 145) }
```

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

Here you see how a box with a 4 pixel rgb(122, 192, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 192, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 192, 145);  
box-shadow:4px 4px 4px 4px rgb(122, 192,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.320, 152.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 192, 145) }
```

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

```
.background{ background-color: rgb(122,  
192, 145) }
```

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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