

Converting Colors

CIELCh(52, 33.166, 160.614)

Have a look what the booklet for
CIELCh(52, 33.166, 160.614)
contains.

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Color

CIELCh(52, 33.494, 160.261)

Conversions

Conversions Part 1

Format	Color
Hex	408A68
RGB	64, 138, 104
RGB Percent	25%, 54%, 41%
CMY	0.7505, 0.4602, 0.5935
CMYK	0.54, 0.00, 0.25, 0.46
HSL	152°, 37%, 39%
HSV	152°, 54%, 54%
XYZ	13.6091, 20.1443, 16.1777
YIQ	111.9980, -33.1900, -26.2620

Conversions

Conversions Part 2

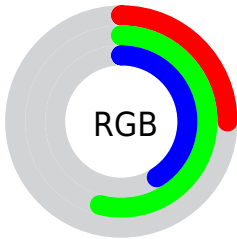
Format	Color
RYB	64, 112, 138
Decimal	4229736
CIELab	52.00, -31.53, 11.31
CIElCh	52, 33.494, 160.261
Yxy	20.1443, 0.2726, 0.4034
Android (android.graphics.Color)	4282419816 (0xFF408A68)
YUV	111.9980, -3.9430, -42.0942
Hunter-Lab	44.8824, -24.4201, 10.0468

Details

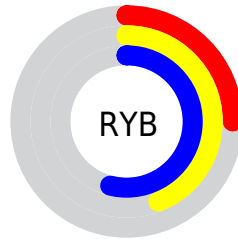
The CIELCh color $52, 33.494, 160.261$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38, 35.943, 351.941$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $72, 33.642, 160.190$, and $32, 33.064, 160.342$ is the 20% darker color. If you saturate the color by 10%, you get $51, 38.757, 158.773$, and if you desaturate by 10%, it is $53, 27.784, 161.581$.

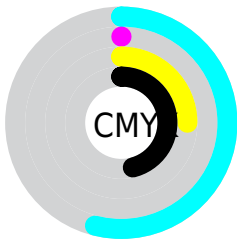
Distribution



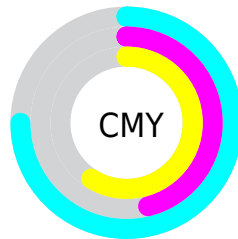
- Red (25%)
- Green (54%)
- Blue (41%)



- Red (25%)
- Yellow (44%)
- Blue (54%)



- Cyan (54%)
- Magenta (0%)
- Yellow (25%)
- Black (46%)





- Cyan (75%)
- Magenta (46%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 33.494, 160.261 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 52, 33.494, 160.261 by changing the saturation by 10% instead.


 52, 33.494,
160.261


 52, 33.494,
160.261


 100, 33.494,
160.261


 42, 33.494,
160.261


 72, 33.494,
160.261

 32, 33.494,
160.261

 82, 33.494,
160.261

 22, 33.494,
160.261

 92, 33.494,
160.261

 12, 33.494,
160.261

 2, 33.494, 160.261

 0, 33.494, 160.261

■ 52, 33.494,
160.261

■ 52, 33.494,
160.261

■ 51, 38.757,
158.773

■ 53, 27.784,
161.581

■ 51, 43.488,
157.099

■ 54, 21.724,
162.759

■ 51, 47.636,
155.225

■ 55, 15.420,
163.816

■ 50, 51.198,
153.157

■ 56, 8.967, 164.780

■ 50, 53.277,
151.897

■ 57, 2.452, 165.736

■ 58, 4.057, 346.316

■ 60, 10.503,
347.093

■ 61, 16.845,
347.781

■ 63, 23.055,
348.419

Harmonies

Complementary

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



52, 33.494, 160.261



38, 35.943, 351.941

Rectangle

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



52, 33.494, 160.261



52, 33.494, 210.261



52, 33.494, 340.261



52, 33.494, 30.261

Sweetspot

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



52, 33.495, 160.260



70, 12.877, 164.538



53, 44.279, 127.848



36, 8.655, 164.373



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 33.495, 160.260



65, 48.482, 158.350



52, 23.024, 200.787



29, 3.678, 165.205



48, 51.765, 151.985



1, 1.711, 165.919

Inverse Universe

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



38, 35.943, 351.941



45, 52.136, 354.302



37, 34.090, 27.609



27, 3.731, 346.626



28, 51.992, 4.512



0, 1.711, 345.909

Previews

White Background



This preview shows how the CIELCh color 52, 33.494, 160.261 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 52, 33.494, 160.261 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 × Fail

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

CIELCh 52, 33.494, 160.261

Background



This preview shows how black text looks on a background with the CIELCh color 52, 33.494, 160.261.



This preview shows how white text looks on a background with the CIELCh color 52, 33.494, 160.261.

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
52, 33.494, 160.261

Protanopia
52, 15.408, 95.209

Deuteranopia
52, 11.402, 53.941



Tritanopia
52, 19.527, 216.981

Trichromacy



Original Color
52, 33.494, 160.261

Protanomaly
51, 18.926, 135.480

Deuteranomaly
51, 12.796, 133.476

Tritanomaly
52, 21.862, 189.516

Monochromacy



Original Color
52, 33.494, 160.261

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 12.896, 164.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 33.494, 160.261 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(64, 138, 104)` looks like.

```
.text, #text, p{  
    color:rgb(64, 138, 104)  
}
```

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(64, 138, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 138, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 33.494, 160.261 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(64, 138, 104) }
```

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

```
.border{ border-color:rgb(64, 138, 104) }
```

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

Here you see how a box with a 4 pixel rgb(64, 138, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 138, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 138, 104);  
box-shadow:4px 4px 4px 4px rgb(64, 138,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 33.494, 160.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 138, 104) }
```

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

```
.background{ background-color: rgb(64, 138,  
104) }
```

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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