

Converting Colors

CIELCh(60, 32.588, 152.761)

Have a look what the booklet for
CIELCh(60, 32.588, 152.761)
contains.

CIELCh(60, 33.028, 152.491)	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(60, 33.028, 152.491)

Conversions

Conversions Part 1

Format	Color
Hex	609E75
RGB	96, 158, 117
RGB Percent	38%, 62%, 46%
CMY	0.6245, 0.3813, 0.5421
CMYK	0.39, 0.00, 0.26, 0.38
HSL	140°, 24%, 50%
HSV	140°, 39%, 62%
XYZ	20.1816, 28.1233, 21.1233
YIQ	134.7880, -23.7910, -25.8950

Conversions

Conversions Part 2

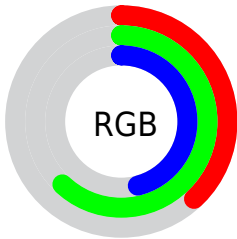
Format	Color
R_{YB}	96, 142, 158
Decimal	6332021
CIE _{Lab}	60.00, -29.29, 15.26
CIE _{LCh}	60, 33.028, 152.491
Yxy	28.1233, 0.2907, 0.4051
Android (android.graphics.Color)	4284522101 (0xFF609E75)
YUV	134.7880, -8.7695, -34.0171
Hunter-Lab	53.0314, -24.8753, 13.5058

Details

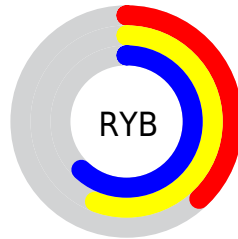
The CIELCh color $60, 33.028, 152.491$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 33.556, 338.931$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 33.091, 152.341$, and $40, 32.690, 152.749$ is the 20% darker color. If you saturate the color by 10%, you get $59, 40.968, 151.292$, and if you desaturate by 10%, it is $61, 24.773, 153.538$.

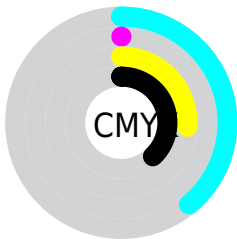
Distribution



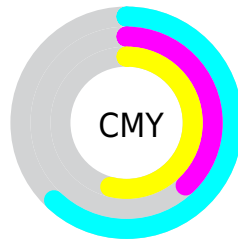
- Red (38%)
- Green (62%)
- Blue (46%)



- Red (38%)
- Yellow (56%)
- Blue (62%)



- Cyan (39%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)





- Cyan (62%)
- Magenta (38%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 33.028, 152.491 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 60, 33.028, 152.491 by changing the saturation by 10% instead.


 60, 33.028,
152.491


 60, 33.028,
152.491


 100, 33.028,
152.491


 50, 33.028,
152.491


 80, 33.028,
152.491

 40, 33.028,
152.491

 90, 33.028,
152.491

 30, 33.028,
152.491

 20, 33.028,
152.491

 10, 33.028,
152.491

 0, 33.028, 152.491

 60, 33.028,

 60, 33.028,

152.491

152.491

■ 59, 40.968,
151.292

■ 61, 24.773,
153.538

■ 58, 48.438,
149.923

■ 62, 16.339,
154.457

■ 58, 55.294,
148.369

■ 64, 7.850, 155.277

■ 57, 61.412,
146.630

■ 65, 0.597, 335.454

■ 67, 8.926, 336.541

■ 57, 66.707,
144.728

■ 68, 17.083,
337.119

■ 57, 71.236,
142.793

■ 70, 25.031,
337.631

■ 57, 71.539,
142.668

■ 72, 32.748,
338.094

■ 74, 40.222,

Harmonies

Complementary

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



60, 33.028, 152.491



49, 33.556, 338.931

Rectangle

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



60, 33.028, 152.491



60, 33.028, 202.491



60, 33.028, 332.491



60, 33.028, 22.491

Sweetspot

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



60, 33.029, 152.491



80, 12.508, 155.044



62, 34.991, 120.931



42, 8.281, 154.949



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 33.029, 152.491



75, 48.250, 151.471



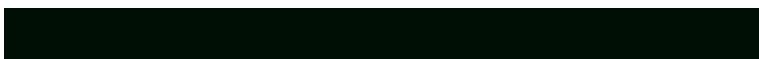
61, 22.528, 182.323



33, 4.783, 155.281



52, 66.220, 142.863



3, 6.326, 155.168

Inverse Universe

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



49, 33.556, 338.931



59, 48.974, 339.740



48, 27.011, 10.465



31, 4.811, 336.504



31, 58.784, 347.309



1, 6.094, 337.389

Previews

White Background



This preview shows how the CIE LCh color 60, 33.028, 152.491 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 60, 33.028, 152.491 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 60, 33.028, 152.491

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.028, 152.491.

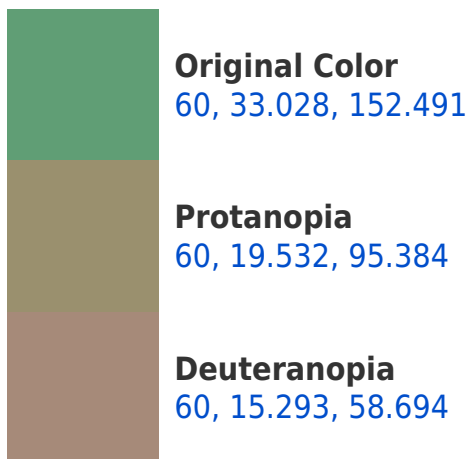


This preview shows how white text looks on a background with the CIELCh color 60, 33.028, 152.491.

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





Tritanopia
60, 16.757, 222.185

Trichromacy



Original Color
60, 33.028, 152.491

Protanomaly
60, 21.725, 125.499

Deuteranomaly
59, 14.757, 116.494

Tritanomaly
60, 18.971, 185.574

Monochromacy



Original Color
60, 33.028, 152.491

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 12.202, 153.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.028, 152.491 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(96, 158, 117)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 117)  
}
```

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(96, 158, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 33.028, 152.491 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(96, 158, 117) }
```

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

```
.border{ border-color:rgb(96, 158, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 158, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 117);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 33.028, 152.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 117) }
```

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

```
.background{ background-color: rgb(96, 158,  
117) }
```

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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