

Converting Colors

CIELCh(60, 33.064, 165.295)

Have a look what the booklet for
CIELCh(60, 33.064, 165.295)
contains.

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Color

CIELCh(60, 32.987, 165.609)

Conversions

Conversions Part 1

Format	Color
Hex	4F9F81
RGB	79, 159, 129
RGB Percent	31%, 62%, 51%
CMY	0.6894, 0.3757, 0.4934
CMYK	0.50, 0.00, 0.19, 0.38
HSL	157°, 34%, 47%
HSV	157°, 50%, 62%
XYZ	19.6468, 28.1233, 25.2259
YIQ	131.6600, -38.0500, -26.2900

Conversions

Conversions Part 2

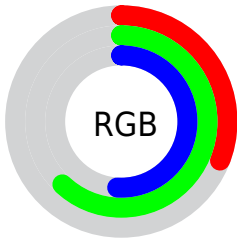
Format	Color
R_{YB}	79, 128, 159
Decimal	5218177
CIE _{Lab}	60.00, -31.95, 8.20
CIE _{LCh}	60, 32.987, 165.609
Yxy	28.1233, 0.2691, 0.3853
Android (android.graphics.Color)	4283408257 (0xFF4F9F81)
YUV	131.6600, -1.3114, -46.1828
Hunter-Lab	53.0314, -26.6752, 8.9190

Details

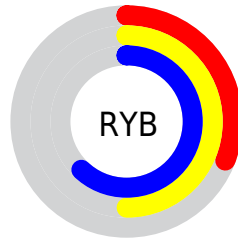
The CIELCh color $60, 32.987, 165.609$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 36.673, 357.128$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 32.914, 165.860$, and $40, 32.946, 165.699$ is the 20% darker color. If you saturate the color by 10%, you get $59, 38.476, 164.166$, and if you desaturate by 10%, it is $61, 26.997, 166.899$.

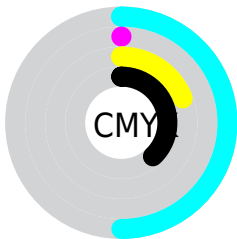
Distribution



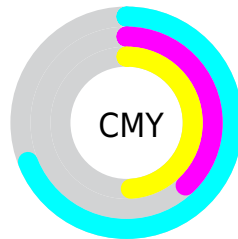
- Red (31%)
- Green (62%)
- Blue (51%)



- Red (31%)
- Yellow (50%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)





- Cyan (69%)
- Magenta (38%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 32.987, 165.609 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, 32.987, 165.609 by changing the saturation by 10% instead.


 60, 32.987,
165.609


 60, 32.987,
165.609


 100, 32.987,
165.609


 50, 32.987,
165.609


 80, 32.987,
165.609

 40, 32.987,
165.609

 90, 32.987,
165.609


 30, 32.987,
165.609

 20, 32.987,
165.609

 10, 32.987,
165.609

 0, 32.987, 165.609

 60, 32.987,

 60, 32.987,

165.609

165.609

■ 59, 38.476,
164.166

■ 61, 26.997,
166.899

■ 59, 43.369,
162.550

■ 62, 20.612,
168.063

■ 58, 47.608,
160.739

■ 63, 13.945,
169.123

■ 58, 51.184,
158.726

■ 64, 7.100, 170.112

■ 66, 0.170, 173.187

■ 58, 54.200,
156.666

■ 67, 6.771, 351.714

■ 69, 13.663,
352.515

■ 70, 20.460,
353.251

■ 72, 27.131,

Harmonies

Complementary

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



60, 32.987, 165.609



44, 36.673, 357.128

Rectangle

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



60, 32.987, 165.609



60, 32.987, 215.609



60, 32.987, 345.609



60, 32.987, 35.609

Sweetspot

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



60, 32.988, 165.608



80, 12.814, 169.620



61, 47.919, 130.713



43, 8.801, 169.423



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 32.988, 165.608



75, 47.237, 164.031



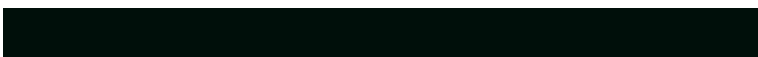
58, 22.825, 211.058



33, 3.896, 170.210



52, 49.851, 156.897



3, 5.229, 168.973

Inverse Universe

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



44, 36.673, 357.128



53, 53.340, 359.351



46, 33.401, 32.994



31, 3.975, 351.744



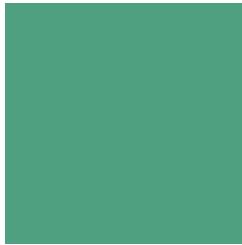
30, 55.204, 12.848



1, 5.064, 352.207

Previews

White Background



This preview shows how the CIELCh color 60, 32.987, 165.609 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 CIELCh color 60, 32.987, 165.609 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, 32.987, 165.609

Background



This preview shows how black text looks on a background with the CIELCh color 60, 32.987, 165.609.



This preview shows how white text looks on a background with the CIELCh color 60, 32.987, 165.609.

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
60, 32.987, 165.609

Protanopia
60, 12.812, 93.736

Deuteranopia
60, 9.379, 37.587



Tritanopia
60, 21.499, 217.893

Trichromacy



Original Color
60, 32.987, 165.609

Protanomaly
59, 17.074, 142.418

Deuteranomaly
59, 9.919, 145.702

Tritanomaly
60, 23.395, 193.130

Monochromacy



Original Color
60, 32.987, 165.609

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 12.847, 168.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 32.987, 165.609 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(79, 159, 129)` looks like.

```
.text, #text, p{  
    color:rgb(79, 159, 129)  
}
```

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(79, 159, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 159, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 32.987, 165.609 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(79, 159, 129) }
```

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

```
.border{ border-color:rgb(79, 159, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 159, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(79, 159,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 32.987, 165.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 159, 129) }
```

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

```
.background{ background-color: rgb(79, 159,  
129) }
```

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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