

Converting Colors

CIELCh(60, 31.462, 219.309)

Have a look what the booklet for
CIELCh(60, 31.462, 219.309)
contains.

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Color

CIELCh(60, 31.497, 219.468)

Conversions

Conversions Part 1

Format	Color
Hex	289EB3
RGB	40, 158, 179
RGB Percent	16%, 62%, 70%
CMY	0.8437, 0.3807, 0.2984
CMYK	0.78, 0.12, 0.00, 0.30
HSL	189°, 64%, 43%
HSV	189°, 78%, 70%
XYZ	21.2091, 28.1233, 46.9115
YIQ	125.1120, -77.0690, -18.4850

Conversions

Conversions Part 2

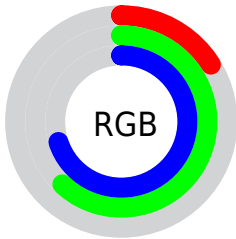
Format	Color
R_{YB}	40, 104, 179
Decimal	2662067
CIE _{Lab}	60.00, -24.32, -20.02
CIE _{LCh}	60, 31.497, 219.468
Yxy	28.1233, 0.2204, 0.2922
Android (android.graphics.Color)	4280852147 (0xFF289EB3)
YUV	125.1120, 26.5668, -74.6432
Hunter-Lab	53.0314, -21.4168, -15.3258

Details

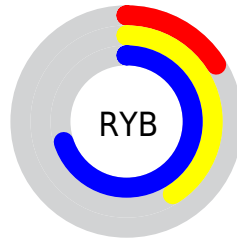
The CIELCh color **60, 31.497, 219.468** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **43, 60.467, 39.292**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 31.618, 219.499**, and **41, 25.838, 225.455** is the 20% darker color. If you saturate the color by 10%, you get **59, 32.693, 221.594**, and if you desaturate by 10%, it is **61, 29.580, 217.796**.

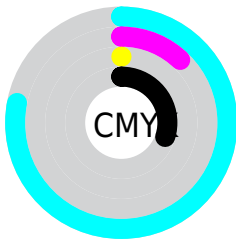
Distribution



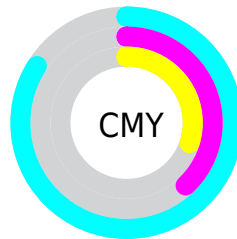
- Red (16%)
- Green (62%)
- Blue (70%)



- Red (16%)
- Yellow (41%)
- Blue (70%)



- Cyan (78%)
- Magenta (12%)
- Yellow (0%)
- Black (30%)





- Cyan (84%)
- Magenta (38%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 31.497, 219.468 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, 31.497, 219.468 by changing the saturation by 10% instead.

 60, 31.497,
219.468


 60, 31.497,
219.468


 100, 31.497,
219.468

 50, 31.497,
219.468


 80, 31.497,
219.468

 40, 31.497,
219.468

 90, 31.497,
219.468


 30, 31.497,
219.468

 20, 31.497,
219.468

 10, 31.497,
219.468

 0, 31.497, 219.468

 60, 31.497,

 60, 31.497,

219.468

219.468

■ 59, 32.693,
221.594

■ 61, 29.580,
217.796

■ 58, 33.290,
224.190

■ 63, 26.921,
216.519

■ 58, 33.405,
224.802

■ 64, 23.550,
215.574

■ 66, 19.529,
214.900

■ 67, 14.940,
214.450

■ 69, 9.875, 214.185

■ 71, 4.423, 214.105

■ 73, 1.334, 33.575

■ 76, 7.324, 33.936

Harmonies

Complementary

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



60, 31.497, 219.468



43, 60.467, 39.292

Rectangle

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



60, 31.497, 219.468



60, 31.497, 269.468



60, 31.497, 39.468



60, 31.497, 89.468

Sweetspot

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



60, 31.496, 219.467



86, 15.550, 214.314



64, 76.697, 140.728



45, 10.714, 214.424



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



60, 31.496, 219.467



74, 40.259, 223.340



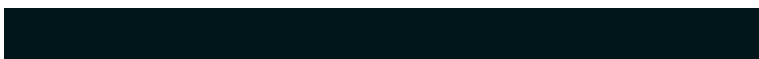
39, 55.296, 287.488



37, 3.225, 214.101



50, 29.774, 224.407



6, 7.669, 221.432

Inverse Universe

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



44, 73.202, 333.722



54, 94.900, 334.897



58, 54.128, 78.898



35, 6.082, 329.398



35, 70.257, 335.199



2, 13.958, 331.165

Previews

White Background



This preview shows how the CIE LCh color 60, 31.497, 219.468 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, 31.497, 219.468 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, 31.497, 219.468

Background



This preview shows how black text looks on a background with the CIELCh color 60, 31.497, 219.468.



This preview shows how white text looks on a background with the CIELCh color 60, 31.497, 219.468.

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, 32.134, 210.199

Trichromacy



Original Color
60, 31.497, 219.468

Protanomaly
59, 19.566, 242.824

Deuteranomaly
59, 23.778, 255.745

Tritanomaly
60, 31.942, 213.542

Monochromacy



Original Color
60, 31.497, 219.468

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 15.489, 215.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 31.497, 219.468 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(40, 158, 179)` looks like.

```
.text, #text, p{  
    color:rgb(40, 158, 179)  
}
```

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(40, 158, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 158, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 31.497, 219.468 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(40, 158, 179) }
```

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

```
.border{ border-color:rgb(40, 158, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 158, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 158, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 158, 179);  
box-shadow:4px 4px 4px 4px rgb(40, 158,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 31.497, 219.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 158, 179) }
```

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

```
.background{ background-color: rgb(40, 158,  
179) }
```

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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