

Converting Colors

CIELCh(60, 31.694, 214.810)

Have a look what the booklet for
CIELCh(60, 31.694, 214.810)
contains.

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Color

CIELCh(60, 31.597, 214.874)

Conversions

Conversions Part 1

Format	Color
Hex	269EAF
RGB	38, 158, 175
RGB Percent	15%, 62%, 69%
CMY	0.8519, 0.3787, 0.3120
CMYK	0.78, 0.10, 0.00, 0.31
HSL	187°, 65%, 42%
HSV	187°, 78%, 69%
XYZ	20.8736, 28.1233, 45.1139
YIQ	124.0580, -76.9770, -20.1530

Conversions

Conversions Part 2

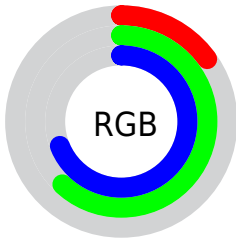
Format	Color
R_{YB}	38, 102, 175
Decimal	2530991
CIE _{Lab}	60.00, -25.92, -18.07
CIE _{LCh}	60, 31.597, 214.874
Yxy	28.1233, 0.2218, 0.2988
Android (android.graphics.Color)	4280721071 (0xFF269EAF)
YUV	124.0580, 25.1144, -75.4729
Hunter-Lab	53.0314, -22.5460, -13.3160

Details

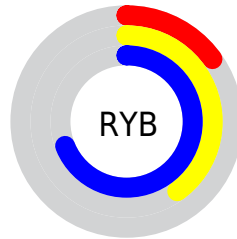
The CIELCh color **60, 31.597, 214.874** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41, 61.016, 38.010**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 31.508, 215.348**, and **41, 25.523, 221.124** is the 20% darker color. If you saturate the color by 10%, you get **59, 32.681, 216.553**, and if you desaturate by 10%, it is **61, 29.776, 213.568**.

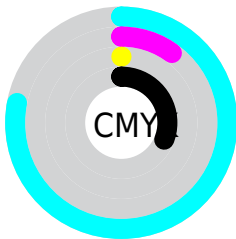
Distribution



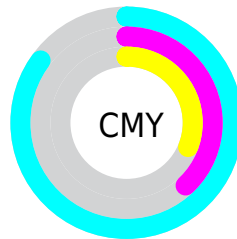
- Red (15%)
- Green (62%)
- Blue (69%)



- Red (15%)
- Yellow (40%)
- Blue (69%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)





- Cyan (85%)
- Magenta (38%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 31.597, 214.874 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, 31.597, 214.874 by changing the saturation by 10% instead.


 60, 31.597,
214.874


 60, 31.597,
214.874


 100, 31.597,
214.874


 50, 31.597,
214.874


 80, 31.597,
214.874

 40, 31.597,
214.874

 90, 31.597,
214.874


 30, 31.597,
214.874

 20, 31.597,
214.874

 10, 31.597,
214.874

 0, 31.597, 214.874

 60, 31.597,

 60, 31.597,

214.874

■ 59, 32.681,
216.553

■ 58, 33.167,
218.604

■ 58, 33.229,
218.925

214.874

■ 61, 29.776,
213.568

■ 62, 27.198,
212.590

■ 64, 23.891,
211.889

■ 65, 19.918,
211.419

■ 67, 15.361,
211.140

■ 68, 10.313,
211.020

■ 70, 4.865, 211.059

■ 72, 0.899, 30.474

Harmonies

Complementary

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



60, 31.597, 214.874



41, 61.016, 38.010

Rectangle

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



60, 31.597, 214.874



60, 31.597, 264.874



60, 31.597, 34.874



60, 31.597, 84.874

Sweetspot

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



60, 31.596, 214.873



85, 16.201, 211.073



63, 77.563, 139.791



45, 11.079, 211.129



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 31.596, 214.873



74, 40.059, 218.003



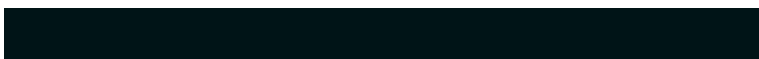
39, 52.099, 285.254



36, 3.214, 211.047



50, 29.697, 218.613



5, 6.714, 216.545

Inverse Universe

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



43, 73.829, 332.583



53, 95.376, 333.568



55, 53.208, 75.844



34, 6.054, 328.508



34, 70.877, 333.749



2, 12.273, 329.641

Previews

White Background



This preview shows how the CIELCh color 60, 31.597, 214.874 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, 31.597, 214.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

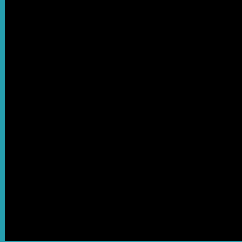
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 31.597, 214.874

Background



This preview shows how black text looks on a background with the CIELCh color 60, 31.597, 214.874.




This preview shows how white text looks on a background with the CIELCh color 60, 31.597, 214.874.

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, 32.042, 210.245

Trichromacy



Original Color
60, 31.497, 214.940

Protanomaly
59, 18.618, 238.420

Deuteranomaly
59, 22.140, 251.606

Tritanomaly
60, 31.934, 211.376

Monochromacy



Original Color
60, 31.497, 214.940

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 15.637, 210.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 31.597, 214.874 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(38, 158, 175)` looks like.

```
.text, #text, p{  
    color:rgb(38, 158, 175)  
}
```

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(38, 158, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 158, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 31.597, 214.874 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(38, 158, 175) }
```

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

```
.border{ border-color:rgb(38, 158, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 158, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 158, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 158, 175);  
box-shadow:4px 4px 4px 4px rgb(38, 158,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 31.597, 214.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 158, 175) }
```

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

```
.background{ background-color: rgb(38, 158,  
175) }
```

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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