

Converting Colors

CIELCh(60, 32.060, 217.192)

Have a look what the booklet for
CIELCh(60, 32.060, 217.192)
contains.

CIELCh(60, 32.002, 217.936)	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, 32.002, 217.936)

Conversions

Conversions Part 1

Format	Color
Hex	239EB2
RGB	35, 158, 178
RGB Percent	14%, 62%, 70%
CMY	0.8646, 0.3793, 0.3008
CMYK	0.81, 0.11, 0.00, 0.30
HSL	188°, 68%, 42%
HSV	188°, 81%, 70%
XYZ	21.0156, 28.1233, 46.5892
YIQ	123.5030, -79.7280, -19.8560

Conversions

Conversions Part 2

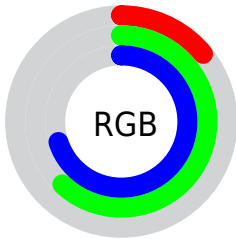
Format	Color
R_{YB}	35, 101, 178
Decimal	2334386
CIE _{Lab}	60.00, -25.24, -19.67
CIE _{LCh}	60, 32.002, 217.936
Yxy	28.1233, 0.2195, 0.2938
Android (android.graphics.Color)	4280524466 (0xFF239EB2)
YUV	123.5030, 26.8670, -77.6171
Hunter-Lab	53.0314, -22.0679, -14.9654

Details

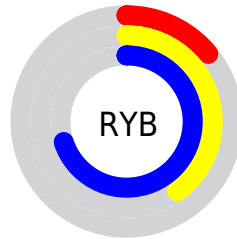
The CIELCh color **60, 32.002, 217.936** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **42, 63.238, 39.175**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 31.908, 218.217**, and **41, 25.718, 224.022** is the 20% darker color. If you saturate the color by 10%, you get **59, 32.968, 219.989**, and if you desaturate by 10%, it is **61, 30.319, 216.316**.

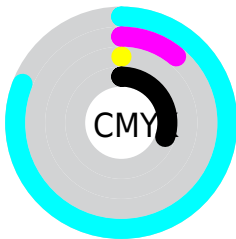
Distribution



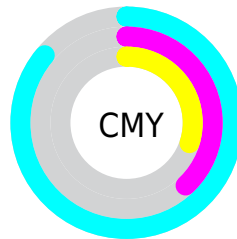
- Red (14%)
- Green (62%)
- Blue (70%)



- Red (14%)
- Yellow (40%)
- Blue (70%)



- Cyan (81%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)





- Cyan (86%)
- Magenta (38%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 32.002, 217.936 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, 32.002, 217.936 by changing the saturation by 10% instead.


 60, 32.002,
217.936


 60, 32.002,
217.936


 100, 32.002,
217.936


 50, 32.002,
217.936


 80, 32.002,
217.936

 40, 32.002,
217.936

 90, 32.002,
217.936


 30, 32.002,
217.936

 20, 32.002,
217.936

 10, 32.002,
217.936

 0, 32.002, 217.936

 60, 32.002,

 60, 32.002,

217.936

■ 59, 32.968,
219.989

■ 58, 33.412,
222.256

217.936

■ 61, 30.319,
216.316

■ 62, 27.884,
215.078

■ 64, 24.713,
214.163

■ 65, 20.864,
213.516

■ 67, 16.414,
213.090

■ 69, 11.455,
212.845

■ 71, 6.078, 212.765

■ 73, 0.370, 214.047

Harmonies

Complementary

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



60, 32.002, 217.936



42, 63.238, 39.175

Rectangle

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



60, 32.002, 217.936



60, 32.002, 267.936



60, 32.002, 37.936



60, 32.002, 87.936

Sweetspot

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



60, 32.001, 217.935



86, 16.303, 212.918



64, 79.208, 139.879



45, 11.149, 213.007



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, 32.001, 217.935



75, 40.562, 221.975



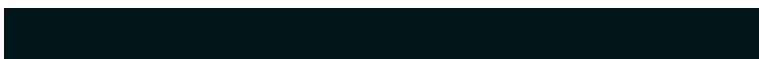
39, 55.852, 287.339



37, 3.253, 212.770



50, 29.865, 221.903



6, 7.731, 219.547

Inverse Universe

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



43, 74.912, 333.388



54, 96.125, 334.573



57, 55.364, 76.911



35, 6.133, 329.011



35, 70.892, 334.568



2, 14.119, 330.599

Previews

White Background



This preview shows how the CIE LCh color 60, 32.002, 217.936 looks on a white background.

Color Contrast Check

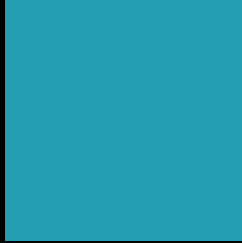
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.002, 217.936 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, 32.002, 217.936

Background



This preview shows how black text looks on a background with the CIELCh color 60, 32.002, 217.936.



This preview shows how white text looks on a background with the CIELCh color 60, 32.002, 217.936.

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](#).

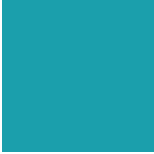
Dichromacy



Original Color
60, 31.912, 218.003

Protanopia
60, 14.171, 287.405

Deuteranopia
60, 23.213, 289.385



Tritanopia
60, 32.638, 209.951

Trichromacy



Original Color
60, 31.912, 218.003



Protanomaly
59, 19.657, 240.253



Deuteranomaly
59, 23.667, 253.662



Tritanomaly
60, 32.376, 212.208

Monochromacy



Original Color
60, 31.912, 218.003



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 16.070, 214.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 32.002, 217.936 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(35, 158, 178)` looks like.

```
.text, #text, p{  
    color:rgb(35, 158, 178)  
}
```

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(35, 158, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 158, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 32.002, 217.936 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(35, 158, 178) }
```

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

```
.border{ border-color:rgb(35, 158, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 158, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 158, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 158, 178);  
box-shadow:4px 4px 4px 4px rgb(35, 158,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 32.002, 217.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 158, 178) }
```

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

```
.background{ background-color: rgb(35, 158,  
178) }
```

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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