

Converting Colors

CIELCh(61, 29.980, 217.141)

Have a look what the booklet for
CIELCh(61, 29.980, 217.141)
contains.

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Color

CIELCh(61, 29.980, 217.141)

Conversions

Conversions Part 1

Format	Color
Hex	36A0B2
RGB	54, 160, 178
RGB Percent	21%, 63%, 70%
CMY	0.7869, 0.3715, 0.3009
CMYK	0.70, 0.10, 0.00, 0.30
HSL	189°, 53%, 46%
HSV	189°, 70%, 70%
XYZ	22.2163, 29.2481, 46.7295
YIQ	130.3580, -68.9540, -16.8740

Conversions

Conversions Part 2

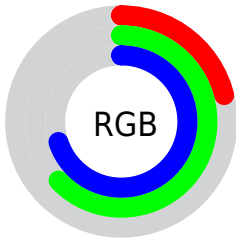
Format	Color
R _Y B	54, 111, 178
Decimal	3580082
CIE Lab	61.00, -23.90, -18.10
CIE LCh	61, 29.980, 217.141
Yxy	29.2481, 0.2262, 0.2979
Android (android.graphics.Color)	4281770162 (0xFF36A0B2)
YUV	130.3580, 23.4875, -66.9660
Hunter-Lab	54.0815, -21.3162, -13.3729

Details

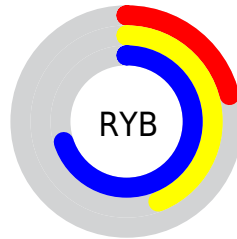
The CIELCh color **61, 29.980, 217.141** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 53.045, 37.669**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 29.988, 217.457**, and **42, 25.840, 220.717** is the 20% darker color. If you saturate the color by 10%, you get **60, 31.752, 218.803**, and if you desaturate by 10%, it is **62, 27.461, 215.867**.

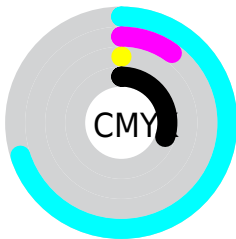
Distribution



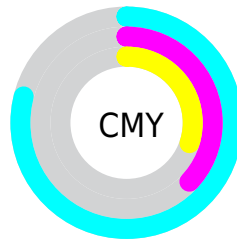
- Red (21%)
- Green (63%)
- Blue (70%)



- Red (21%)
- Yellow (44%)
- Blue (70%)



- Cyan (70%)
- Magenta (10%)
- Yellow (0%)
- Black (30%)





- Cyan (79%)
- Magenta (37%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 29.980, 217.141 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 61, 29.980, 217.141 by changing the saturation by 10% instead.


 61, 29.980,
217.141


 61, 29.980,
217.141


 100, 29.980,
217.141


 51, 29.980,
217.141


 81, 29.980,
217.141

 41, 29.980,
217.141

 91, 29.980,
217.141

 31, 29.980,
217.141

 21, 29.980,
217.141

 11, 29.980,
217.141

 1, 29.980, 217.141

 0, 29.980, 217.141

■ 61, 29.980,
217.141

■ 61, 29.980,
217.141

■ 60, 31.752,
218.803

■ 62, 27.461,
215.867

■ 59, 32.809,
220.915

■ 64, 24.217,
214.924

■ 58, 33.329,
223.440

■ 65, 20.308,
214.254

■ 58, 33.352,
223.565

■ 67, 15.813,
213.807

■ 69, 10.824,
213.545

■ 71, 5.430, 213.455

■ 73, 0.285, 31.554

■ 75, 6.245, 33.313

Harmonies

Complementary

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



61, 29.980, 217.141



45, 53.045, 37.669

Rectangle

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



61, 29.980, 217.141



61, 29.980, 267.141



61, 29.980, 37.141



61, 29.980, 87.141

Sweetspot

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



61, 29.979, 217.140



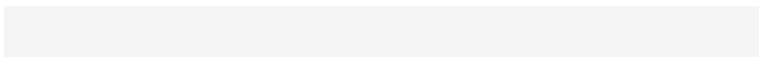
87, 14.350, 213.581



64, 71.148, 141.478



46, 9.702, 213.644



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



61, 29.979, 217.140



76, 39.415, 219.782



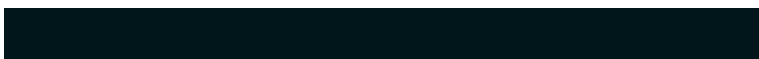
43, 47.650, 283.400



37, 3.238, 213.455



50, 29.811, 223.195



6, 7.698, 220.521

Inverse Universe

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



45, 68.627, 332.952



55, 92.588, 333.907



59, 48.496, 78.822



35, 6.107, 329.210



35, 70.562, 334.892



2, 14.035, 330.891

Previews

White Background



This preview shows how the CIE LCh color 61, 29.980, 217.141 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 61, 29.980, 217.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

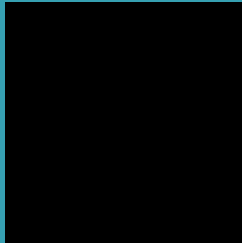
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 29.980, 217.141

Background



This preview shows how black text looks on a background with the CIELCh color 61, 29.980, 217.141.

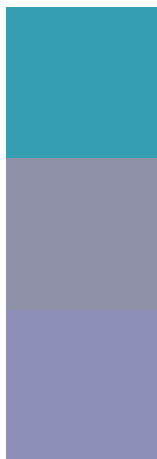


This preview shows how white text looks on a background with the CIELCh color 61, 29.980, 217.141.

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


61, 29.980, 217.141

Protanopia

61, 12.996, 286.841

Deuteranopia

61, 22.012, 291.701



Tritanopia
61, 30.302, 211.145

Trichromacy



Original Color
61, 29.980, 217.141



Protanomaly
60, 17.712, 240.793



Deuteranomaly
60, 21.553, 256.268



Tritanomaly
61, 30.185, 213.491

Monochromacy



Original Color
61, 29.980, 217.141



Achromatopsia
55, 0.007, 296.813



Achromatomaly
56, 14.093, 212.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 29.980, 217.141 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(54, 160, 178)` looks like.

```
.text, #text, p{  
    color:rgb(54, 160, 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(54, 160, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 160, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 29.980, 217.141 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(54, 160, 178) }
```

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

```
.border{ border-color:rgb(54, 160, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 160, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 160, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 160, 178);  
box-shadow:4px 4px 4px 4px rgb(54, 160,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 29.980, 217.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 160, 178) }
```

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

```
.background{ background-color: rgb(54, 160,  
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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