

Converting Colors

CIELCh(61, 29.125, 197.175)

Have a look what the booklet for
CIELCh(61, 29.125, 197.175)
contains.

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Color

CIELCh(61, 29.128, 196.909)

Conversions

Conversions Part 1

Format	Color
Hex	40A1A1
RGB	64, 161, 161
RGB Percent	25%, 63%, 63%
CMY	0.7480, 0.3677, 0.3678
CMYK	0.60, 0.00, 0.00, 0.37
HSL	180°, 43%, 44%
HSV	180°, 60%, 63%
XYZ	21.3682, 29.2481, 38.3404
YIQ	131.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

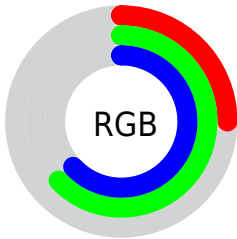
Format	Color
R_{YB}	64, 113, 161
Decimal	4235681
CIE _{Lab}	61.00, -27.87, -8.47
CIE _{LCh}	61, 29.128, 196.909
Yxy	29.2481, 0.2402, 0.3288
Android (android.graphics.Color)	4282425761 (0xFF40A1A1)
YUV	131.9970, 14.2985, -59.6334
Hunter-Lab	54.0815, -24.1154, -4.1757

Details

The CIELCh color **61, 29.128, 196.909** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41, 45.257, 27.236**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 28.932, 197.401**, and **41, 26.641, 197.736** is the 20% darker color. If you saturate the color by 10%, you get **61, 31.791, 196.688**, and if you desaturate by 10%, it is **62, 25.729, 197.191**.

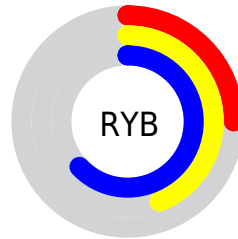
Distribution



Red (25%)

Green (63%)

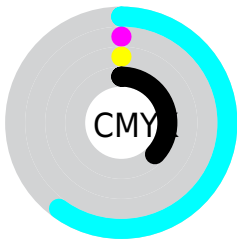
Blue (63%)



Red (25%)

Yellow (44%)

Blue (63%)

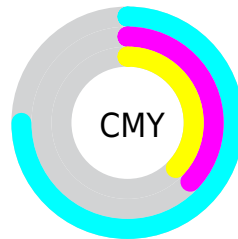


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (75%)


Magenta (37%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 29.128, 196.909 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, 29.128, 196.909 by changing the saturation by 10% instead.


 61, 29.128,
196.909


 61, 29.128,
196.909


 100, 29.128,
196.909


 51, 29.128,
196.909


 81, 29.128,
196.909

 41, 29.128,
196.909

 91, 29.128,
196.909

 31, 29.128,
196.909

 21, 29.128,
196.909

 11, 29.128,
196.909

 1, 29.128, 196.909

 0, 29.128, 196.909

■ 61, 29.128,
196.909

■ 61, 29.128,
196.909

■ 61, 31.791,
196.688

■ 62, 25.729,
197.191

■ 60, 33.705,
196.532

■ 62, 21.642,
197.536

■ 60, 34.901,
196.435

■ 63, 16.943,
197.942

■ 60, 35.569,
196.381

■ 64, 11.720,
198.406

■ 65, 6.070, 198.939

■ 66, 0.084, 204.971

■ 68, 6.151, 19.882

■ 69, 12.561, 20.507

■ 71, 19.082, 21.121

Harmonies

Complementary

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



61, 29.128, 196.909



41, 45.257, 27.236

Rectangle

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



61, 29.128, 196.909



61, 29.128, 246.909



61, 29.128, 16.909



61, 29.128, 66.909

Sweetspot

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



61, 29.128, 196.907



81, 13.017, 198.496



59, 63.182, 139.054



42, 8.950, 198.359



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 29.128, 196.907



77, 39.409, 196.631



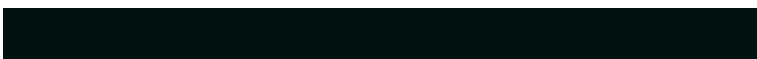
47, 30.393, 265.761



34, 3.428, 198.991



54, 32.967, 196.381



4, 5.463, 199.418

Inverse Universe

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



41, 45.257, 27.236



48, 68.258, 31.122



51, 36.815, 66.369



32, 3.629, 19.900



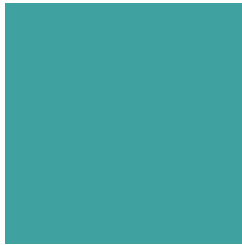
30, 68.062, 39.263



1, 5.464, 19.402

Previews

White Background



This preview shows how the CIELCh color 61, 29.128, 196.909 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, 29.128, 196.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

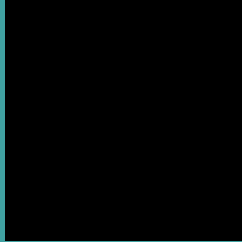
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 29.128, 196.909

Background



This preview shows how black text looks on a background with the CIELCh color 61, 29.128, 196.909.

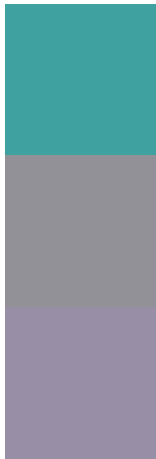


This preview shows how white text looks on a background with the CIELCh color 61, 29.128, 196.909.

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, 29.128, 196.909

Protanopia
61, 4.036, 301.519

Deuteranopia
61, 13.564, 307.428



Tritanopia
61, 27.318, 211.700

Trichromacy



Original Color
61, 29.128, 196.909

Protanomaly
60, 12.318, 208.979

Deuteranomaly
60, 12.997, 239.611

Tritanomaly
61, 27.721, 206.573

Monochromacy



Original Color
61, 29.128, 196.909

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 13.076, 198.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 29.128, 196.909 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(64, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(64, 161, 161)  
}
```

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(64, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 161, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 29.128, 196.909 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(64, 161, 161) }
```

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

```
.border{ border-color:rgb(64, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(64, 161,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 29.128, 196.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 161, 161) }
```

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

```
.background{ background-color: rgb(64, 161,  
161) }
```

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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