

Converting Colors

CIELCh(61, 9.038, 176.596)

Have a look what the booklet for
CIELCh(61, 9.038, 176.596) contains.

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Color

CIELCh(61, 9.028, 176.604)

Conversions

Conversions Part 1

Format	Color
Hex	829892
RGB	130, 152, 146
RGB Percent	51%, 60%, 57%
CMY	0.4905, 0.4042, 0.4277
CMYK	0.14, 0.00, 0.04, 0.40
HSL	164°, 10%, 55%
HSV	164°, 14%, 60%
XYZ	25.5959, 29.2481, 31.4629
YIQ	144.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

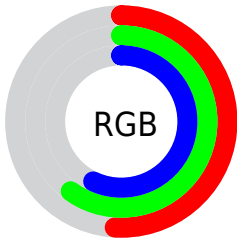
Format	Color
R_{YB}	130, 143, 152
Decimal	8558738
CIE Lab	61.00, -9.01, 0.53
CIE LCh	61, 9.028, 176.604
Yxy	29.2481, 0.2966, 0.3389
Android (android.graphics.Color)	4286748818 (0xFF829892)
YUV	144.7380, 0.6222, -12.9252
Hunter-Lab	54.0815, -10.1618, 3.3640

Details

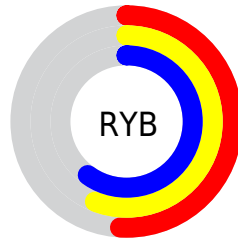
The CIELCh color $61, 9.028, 176.604$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 9.440, 359.226$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 8.889, 177.758$, and $41, 9.025, 178.603$ is the 20% darker color. If you saturate the color by 10%, you get $60, 15.067, 175.597$, and if you desaturate by 10%, it is $62, 2.816, 177.617$.

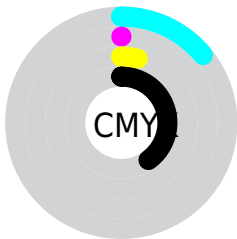
Distribution



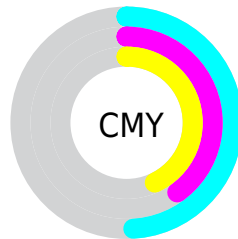
- Red (51%)
- Green (60%)
- Blue (57%)



- Red (51%)
- Yellow (56%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (49%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.028, 176.604 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, 9.028, 176.604 by changing the saturation by 10% instead.

■ 61, 9.028, 176.604

■ 61, 9.028, 176.604

■ 100, 9.028,
176.604

■ 51, 9.028, 176.604

■ 81, 9.028, 176.604

■ 41, 9.028, 176.604

■ 91, 9.028, 176.604

■ 31, 9.028, 176.604

■ 21, 9.028, 176.604

■ 11, 9.028, 176.604

■ 1, 9.028, 176.604

■ 0, 9.028, 176.604

■ 61, 9.028, 176.604

■ 61, 9.028, 176.604

■ 60, 15.067,

■ 62, 2.816, 177.617

175.597

64, 3.494, 358.231

59, 20.836,
174.529

65, 9.833, 359.129

58, 26.238,
173.373

67, 16.150,
359.931

57, 31.172,
172.106

68, 22.405, 0.690

57, 35.548,
170.705

70, 28.569, 1.416

56, 39.301,
169.148

72, 34.623, 2.112

74, 40.553, 2.783

56, 42.402,
167.414

74, 42.269, 0.690

56, 44.879,
165.497

56, 46.128,
164.439

Harmonies

Complementary

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



61, 9.028, 176.604



56, 9.440, 359.226

Rectangle

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



61, 9.028, 176.604



61, 9.028, 226.604



61, 9.028, 356.604



61, 9.028, 46.604

Sweetspot

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



61, 9.029, 176.598



79, 3.098, 177.667



61, 13.864, 135.640



42, 2.219, 177.580



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 9.029, 176.598



77, 13.022, 176.318



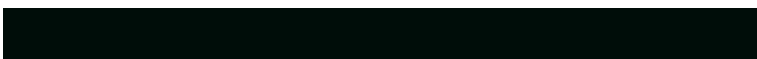
60, 6.874, 222.057



32, 3.561, 177.114



52, 43.406, 164.600



3, 3.910, 177.019

Inverse Universe

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



56, 9.440, 359.226



70, 13.738, 359.542



58, 7.515, 41.021



30, 3.664, 358.664



29, 56.513, 22.123



1, 3.877, 358.196

Previews

White Background



This preview shows how the CIELCh color 61, 9.028, 176.604 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, 9.028, 176.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

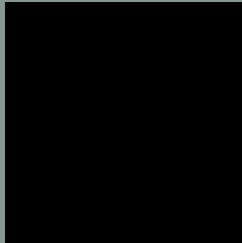
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 9.028, 176.604

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.028, 176.604.



This preview shows how white text looks on a background with the CIELCh color 61, 9.028, 176.604.

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

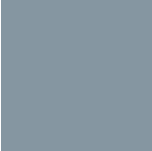
61, 9.028, 176.604

Protanopia

61, 2.288, 66.669

Deuteranopia

61, 8.188, 355.938



Tritanopia
61, 8.623, 245.085

Trichromacy



Original Color
61, 9.028, 176.604

Protanomaly
61, 2.983, 150.407

Deuteranomaly
61, 1.660, 359.515

Tritanomaly
61, 7.472, 221.060

Monochromacy



Original Color
61, 9.028, 176.604

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 3.531, 170.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.028, 176.604 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(130, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(130, 152, 146)  
}
```

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(130, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 152, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.028, 176.604 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(130, 152, 146) }
```

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

```
.border{ border-color:rgb(130, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(130, 152,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.028, 176.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 152, 146) }
```

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

```
.background{ background-color: rgb(130,  
152, 146) }
```

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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