

Converting Colors

CIELCh(61, 0.683, 256.008)

Have a look what the booklet for
CIELCh(61, 0.683, 256.008) contains.

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Color

CIELCh(61, 0.683, 256.008)

Conversions

Conversions Part 1

Format	Color
Hex	929394
RGB	146, 147, 148
RGB Percent	57%, 58%, 58%
CMY	0.4263, 0.4223, 0.4184
CMYK	0.01, 0.01, 0.00, 0.42
HSL	210°, 1%, 58%
HSV	210°, 1%, 58%
XYZ	27.7580, 29.2481, 32.3256
YIQ	146.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

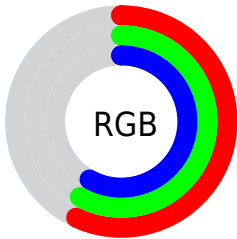
Format	Color
R_{YB}	146, 147, 148
Decimal	9606036
CIE _{Lab}	61.00, -0.17, -0.66
CIE _{LCh}	61, 0.683, 256.008
Yxy	29.2481, 0.3107, 0.3274
Android (android.graphics.Color)	4287796116 (0xFF929394)
YUV	146.8150, 0.5842, -0.7148
Hunter-Lab	54.0815, -3.0254, 2.4183

Details

The CIELCh color $61, 0.683, 256.008$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 0.673, 74.685$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 0.646, 256.110$, and $41, 0.415, 200.139$ is the 20% darker color. If you saturate the color by 10%, you get $58, 5.673, 256.787$, and if you desaturate by 10%, it is $64, 4.341, 74.263$.

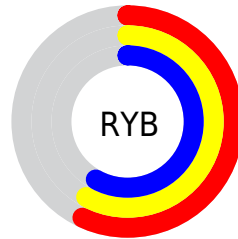
Distribution



Red (57%)

Green (58%)

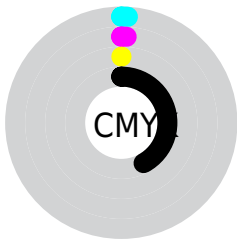
Blue (58%)



Red (57%)

Yellow (58%)

Blue (58%)

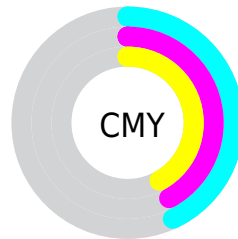


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 0.683, 256.008 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, 0.683, 256.008 by changing the saturation by 10% instead.

■ 61, 0.683, 256.008

■ 61, 0.683, 256.008

100, 0.683,
256.008

■ 51, 0.683, 256.008

■ 81, 0.683, 256.008

■ 41, 0.683, 256.008

■ 91, 0.683, 256.008

■ 31, 0.683, 256.008

■ 21, 0.683, 256.008

■ 11, 0.683, 256.008

■ 1, 0.683, 256.008

■ 0, 0.683, 256.008

■ 61, 0.683, 256.008

■ 61, 0.683, 256.008

■ 58, 5.673, 256.787

■ 64, 4.341, 74.263

■ 55, 10.613,
258.293

■ 67, 9.378, 73.350

■ 51, 15.483,
260.096

■ 71, 14.416, 72.540

■ 74, 19.441, 71.830

■ 48, 20.267,
262.240

■ 77, 24.443, 71.206

■ 45, 24.956,
264.780

■ 80, 29.414, 70.653

■ 84, 34.348, 70.160

■ 42, 29.554,
267.765

■ 86, 36.679, 74.633

■ 39, 34.088,
271.223

■ 88, 38.176, 81.106

■ 37, 38.607,
275.136

■ 34, 43.183,
279.417

Harmonies

Complementary

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



61, 0.683, 256.008



61, 0.673, 74.685

Rectangle

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



61, 0.683, 256.008



61, 0.683, 306.008



61, 0.683, 76.008



61, 0.683, 126.008

Sweetspot

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



61, 0.682, 255.871



78, 0.009, 296.813



61, 0.968, 162.990



41, 0.006, 296.813



89, 0.011, 296.813

Same Dimension

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



61, 0.682, 255.871



78, 1.254, 255.808



61, 1.115, 289.689



31, 0.568, 255.815



30, 44.494, 282.760



1, 2.478, 255.289

Inverse Universe

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



61, 0.969, 343.354



77, 1.785, 343.522



61, 1.097, 109.332



31, 0.809, 343.482



29, 53.722, 0.768



1, 3.522, 343.578

Previews

White Background



This preview shows how the CIELCh color 61, 0.683, 256.008 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, 0.683, 256.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

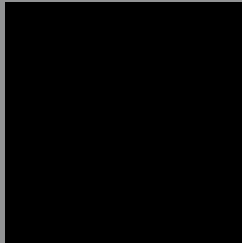
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

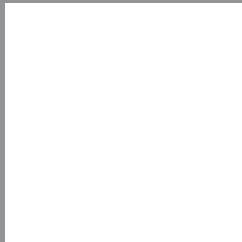
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 0.683, 256.008

Background



This preview shows how black text looks on a background with the CIELCh color 61, 0.683, 256.008.



This preview shows how white text looks on a background with the CIELCh color 61, 0.683, 256.008.

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, 0.683, 256.008

Protanopia

61, 1.632, 335.630

Deuteranopia

61, 7.465, 353.324



Tritanopia
61, 6.257, 297.787

Trichromacy



Original Color
61, 0.683, 256.008

Protanomaly
61, 1.380, 324.365

Deuteranomaly
61, 4.509, 349.897

Tritanomaly
61, 4.533, 295.490

Monochromacy



Original Color
61, 0.683, 256.008

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 0.008, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 61, 0.683, 256.008 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(146, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(146, 147, 148)  
}
```

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(146, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 147, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 0.683, 256.008 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(146, 147, 148) }
```

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

```
.border{ border-color:rgb(146, 147, 148) }
```

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

Here you see how a box with a 4 pixel rgb(146, 147, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(146, 147,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 0.683, 256.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 147, 148) }
```

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

```
.background{ background-color: rgb(146,  
147, 148) }
```

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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