

Converting Colors

CIELCh(61, 12.995, 254.821)

Have a look what the booklet for
CIELCh(61, 12.995, 254.821)
contains.

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Color

CIELCh(61, 12.983, 254.798)

Conversions

Conversions Part 1

Format	Color
Hex	8096A9
RGB	128, 150, 169
RGB Percent	50%, 59%, 66%
CMY	0.4982, 0.4119, 0.3374
CMYK	0.24, 0.11, 0.00, 0.34
HSL	208°, 19%, 58%
HSV	208°, 24%, 66%
XYZ	26.9528, 29.2481, 41.7401
YIQ	145.5880, -19.2110, 1.2450

Conversions

Conversions Part 2

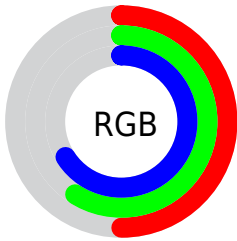
Format	Color
R_{YB}	128, 142, 169
Decimal	8427177
CIE _{Lab}	61.00, -3.40, -12.53
CIE _{LCh}	61, 12.983, 254.798
Y _{xy}	29.2481, 0.2752, 0.2986
Android (android.graphics.Color)	4286617257 (0xFF8096A9)
YUV	145.5880, 11.5421, -15.4247
Hunter-Lab	54.0815, -5.6832, -7.9029

Details

The CIELCh color **61, 12.983, 254.798** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 14.053, 68.529**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 12.994, 254.223**, and **41, 13.069, 256.053** is the 20% darker color. If you saturate the color by 10%, you get **58, 18.135, 256.682**, and if you desaturate by 10%, it is **64, 7.703, 253.225**.

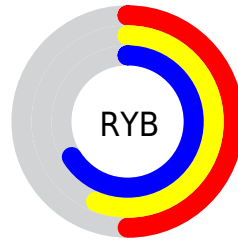
Distribution



Red (50%)

Green (59%)

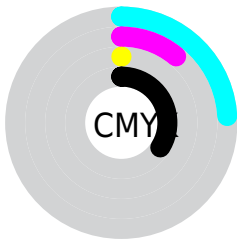
Blue (66%)



Red (50%)

Yellow (56%)

Blue (66%)

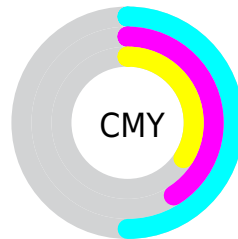


Cyan (24%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (50%)


Magenta (41%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 12.983, 254.798 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, 12.983, 254.798 by changing the saturation by 10% instead.


 61, 12.983,
254.798


 61, 12.983,
254.798


 100, 12.983,
254.798


 51, 12.983,
254.798


 81, 12.983,
254.798

 41, 12.983,
254.798

 91, 12.983,
254.798

 31, 12.983,
254.798

 21, 12.983,
254.798

 11, 12.983,
254.798

 1, 12.983, 254.798

 0, 12.983, 254.798

■ 61, 12.983,
254.798

■ 61, 12.983,
254.798

■ 58, 18.135,
256.682

■ 64, 7.703, 253.225

■ 54, 23.137,
258.947

■ 68, 2.324, 251.998

■ 51, 27.975,
261.650

■ 71, 3.127, 70.612

■ 48, 32.656,
264.844

■ 75, 8.626, 69.728

■ 45, 37.214,
268.556

■ 78, 14.151, 68.927

■ 42, 41.718,
272.755

■ 82, 19.684, 68.229

■ 40, 46.264,
277.329

■ 85, 25.210, 67.621

■ 38, 48.960,

■ 88, 28.554, 71.908

■ 90, 30.116, 80.760

279.890

Harmonies

Complementary

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



61, 12.983, 254.798



62, 14.053, 68.529

Rectangle

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



61, 12.983, 254.798



61, 12.983, 304.798



61, 12.983, 74.798



61, 12.983, 124.798

Sweetspot

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



61, 12.982, 254.793



85, 4.701, 252.296



66, 19.944, 158.991



44, 3.049, 252.361



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 12.982, 254.793



75, 19.078, 255.743



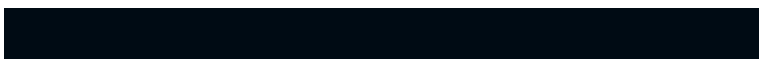
55, 22.360, 290.985



34, 3.059, 252.557



34, 43.949, 279.326



3, 5.933, 259.343

Inverse Universe

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



58, 20.234, 343.779



71, 29.960, 344.301



68, 21.263, 105.690



33, 4.644, 342.420



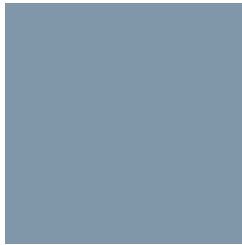
31, 57.038, 357.826



2, 7.972, 345.700

Previews

White Background



This preview shows how the CIELCh color 61, 12.983, 254.798 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, 12.983, 254.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

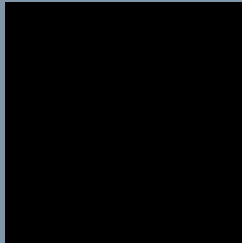
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

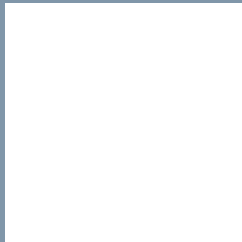
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 12.983, 254.798

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.983, 254.798.



This preview shows how white text looks on a background with the CIELCh color 61, 12.983, 254.798.

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, 12.983, 254.798

Protanopia

61, 11.278, 287.722

Deuteranopia

61, 15.496, 301.304



Tritanopia
61, 10.743, 237.959

Trichromacy



Original Color
61, 12.983, 254.798

Protanomaly
61, 11.644, 275.274

Deuteranomaly
61, 13.566, 285.597

Tritanomaly
61, 11.413, 242.726

Monochromacy



Original Color
61, 12.983, 254.798

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.906, 252.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.983, 254.798 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(128, 150, 169)` looks like.

```
.text, #text, p{  
    color:rgb(128, 150, 169)  
}
```

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(128, 150, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 150, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.983, 254.798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

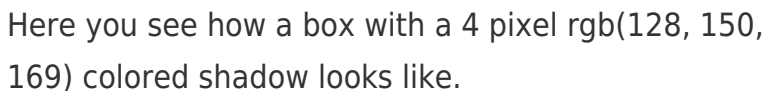
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 150, 169) }
```

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

```
.border{ border-color:rgb(128, 150, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 150, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 150, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 150, 169); box-shadow:4px 4px 4px 4px rgb(128, 150, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.983, 254.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 150, 169) }
```

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

```
.background{ background-color: rgb(128,  
150, 169) }
```

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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