

Converting Colors

CIELCh(61, 9.286, 291.094)

Have a look what the booklet for
CIELCh(61, 9.286, 291.094) contains.

CIELCh(61, 9.016, 291.183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 9.016, 291.183)

Conversions

Conversions Part 1

Format	Color
Hex	9292A2
RGB	146, 146, 162
RGB Percent	57%, 57%, 64%
CMY	0.4277, 0.4277, 0.3650
CMYK	0.10, 0.10, 0.00, 0.36
HSL	240°, 8%, 60%
HSV	240°, 10%, 64%
XYZ	28.6262, 29.2481, 38.2873
YIQ	147.8240, -5.1360, 4.9760

Conversions

Conversions Part 2

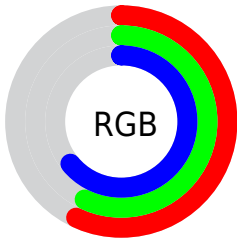
Format	Color
R_{YB}	146, 146, 162
Decimal	9605794
CIE Lab	61.00, 3.26, -8.41
CIE LCh	61, 9.016, 291.183
Yxy	29.2481, 0.2977, 0.3042
Android (android.graphics.Color)	4287795874 (0xFF9292A2)
YUV	147.8240, 6.9888, -1.5996
Hunter-Lab	54.0815, -0.1600, -4.1176

Details

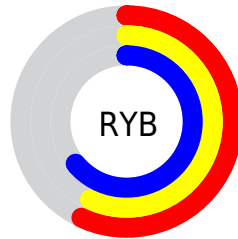
The CIELCh color $61, 9.016, 291.183$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 8.813, 109.236$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 9.041, 290.982$, and $41, 8.503, 288.802$ is the 20% darker color. If you saturate the color by 10%, you get $55, 18.500, 292.364$, and if you desaturate by 10%, it is $67, 0.099, 109.607$.

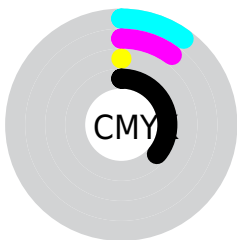
Distribution



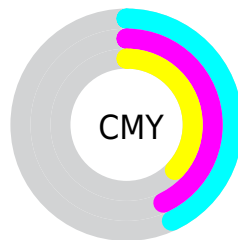
- Red (57%)
- Green (57%)
- Blue (64%)



- Red (57%)
- Yellow (57%)
- Blue (64%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (43%)
- Magenta (43%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.016, 291.183 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, 9.016, 291.183 by changing the saturation by 10% instead.

■ 61, 9.016, 291.183

■ 61, 9.016, 291.183

■ 100, 9.016,
291.183

■ 51, 9.016, 291.183

■ 81, 9.016, 291.183

■ 41, 9.016, 291.183

■ 91, 9.016, 291.183

■ 31, 9.016, 291.183

■ 21, 9.016, 291.183

■ 11, 9.016, 291.183

■ 1, 9.016, 291.183

■ 0, 9.016, 291.183

■ 61, 9.016, 291.183

■ 61, 9.016, 291.183

■ 55, 18.500,

■ 67, 0.099, 109.607

292.364

72, 8.869, 109.295

50, 28.387,
293.761

78, 17.321,
108.564

44, 38.695,
295.390

83, 25.476,
107.935

38, 49.414,
297.260

89, 33.356,
107.394

33, 60.440,
299.338

94, 40.978,
106.927

28, 71.445,
301.516

98, 46.433,
106.628

24, 81.664,
303.576

20, 89.764,
305.199

18, 95.207,
306.272

Harmonies

Complementary

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



61, 9.016, 291.183



66, 8.813, 109.236

Rectangle

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



61, 9.016, 291.183



61, 9.016, 341.183



61, 9.016, 111.183



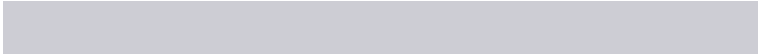
61, 9.016, 161.183

Sweetspot

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



61, 9.015, 291.178



83, 3.366, 290.485



65, 5.949, 197.526



44, 2.574, 290.558



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 9.015, 291.178



76, 13.677, 291.439



62, 9.497, 308.915



31, 5.188, 291.112



16, 88.018, 306.285



0, 7.946, 290.173

Inverse Universe

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



62, 6.314, 19.939



78, 9.624, 20.123



66, 9.361, 128.060



32, 3.629, 19.892



30, 68.058, 39.259



1, 5.464, 19.394

Previews

White Background



This preview shows how the CIELCh color 61, 9.016, 291.183 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 CIE LCh color 61, 9.016, 291.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

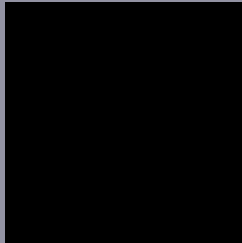
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

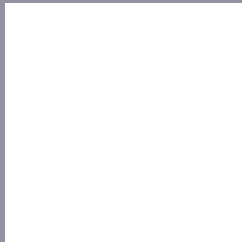
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 9.016, 291.183

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.016, 291.183.



This preview shows how white text looks on a background with the CIELCh color 61, 9.016, 291.183.

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, 9.016, 291.183

Protanopia

61, 9.018, 288.836

Deuteranopia

61, 11.535, 312.257



Tritanopia
61, 6.226, 283.977

Trichromacy



Original Color
61, 9.016, 291.183

Protanomaly
61, 9.018, 288.836

Deuteranomaly
61, 10.523, 305.655

Tritanomaly
61, 6.785, 284.626

Monochromacy



Original Color
61, 9.016, 291.183

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 3.382, 290.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.016, 291.183 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, 146, 162)` looks like.

```
.text, #text, p{  
    color:rgb(146, 146, 162)  
}
```

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, 146, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 146, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.016, 291.183 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, 146, 162) }
```

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

```
.border{ border-color:rgb(146, 146, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 146, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 146, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 146, 162);  
box-shadow:4px 4px 4px 4px rgb(146, 146,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.016, 291.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 146, 162) }
```

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

```
.background{ background-color: rgb(146,  
146, 162) }
```

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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