

Converting Colors

CIELCh(61, 16.358, 268.206)

Have a look what the booklet for
CIELCh(61, 16.358, 268.206)
contains.

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Color

CIELCh(61, 16.341, 268.181)

Conversions

Conversions Part 1

Format	Color
Hex	8295B0
RGB	130, 149, 176
RGB Percent	51%, 58%, 69%
CMY	0.4913, 0.4168, 0.3110
CMYK	0.26, 0.15, 0.00, 0.31
HSL	215°, 22%, 60%
HSV	215°, 26%, 69%
XYZ	27.6693, 29.2481, 45.1053
YIQ	146.3970, -19.9910, 4.3690

Conversions

Conversions Part 2

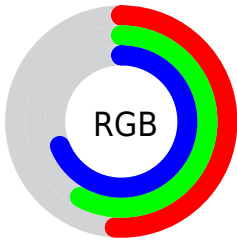
Format	Color
RYB	130, 143, 176
Decimal	8558000
CIELab	61.00, -0.52, -16.33
CIElCh	61, 16.341, 268.181
Yxy	29.2481, 0.2712, 0.2867
Android (android.graphics.Color)	4286748080 (0xFF8295B0)
YUV	146.3970, 14.5943, -14.3802
Hunter-Lab	54.0815, -3.3181, -11.5922

Details

The CIELCh color $61, 16.341, 268.181$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $66, 16.904, 80.838$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 16.487, 268.861$, and $41, 16.340, 268.092$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.619, 270.179$, and if you desaturate by 10%, it is $65, 10.079, 266.481$.

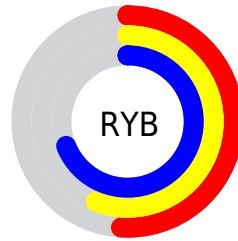
Distribution



Red (51%)

Green (58%)

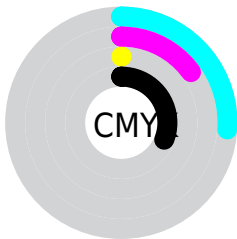
Blue (69%)



Red (51%)

Yellow (56%)

Blue (69%)

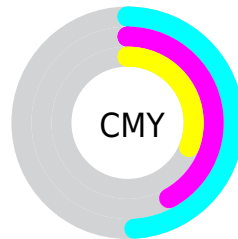


Cyan (26%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (49%)


Magenta (42%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 16.341, 268.181 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, 16.341, 268.181 by changing the saturation by 10% instead.


 61, 16.341,
268.181


 61, 16.341,
268.181


 100, 16.341,
268.181


 51, 16.341,
268.181


 81, 16.341,
268.181

 41, 16.341,
268.181

 91, 16.341,
268.181

 31, 16.341,
268.181

 21, 16.341,
268.181

 11, 16.341,
268.181

 1, 16.341, 268.181

 0, 16.341, 268.181

61, 16.341,
268.181

61, 16.341,
268.181

57, 22.619,
270.179

65, 10.079,
266.481

53, 28.918,
272.528

69, 3.842, 265.066

73, 2.361, 83.629

49, 35.249,
275.269

77, 8.520, 82.632

45, 41.642,
278.426

82, 14.627, 81.708

42, 48.142,
281.983

86, 20.672, 80.893

90, 26.650, 80.173

38, 54.797,
285.859

92, 30.015, 89.708

35, 61.625,
289.878

95, 33.847, 98.564

34, 64.288,

Harmonies

Complementary

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



61, 16.341, 268.181



66, 16.904, 80.838

Rectangle

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



61, 16.341, 268.181



61, 16.341, 318.181



61, 16.341, 88.181



61, 16.341, 138.181

Sweetspot

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



61, 16.340, 268.178



87, 6.186, 265.318



68, 20.028, 165.953



45, 4.393, 265.518



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



61, 16.340, 268.178



75, 24.069, 269.212



56, 26.432, 296.074



35, 3.486, 265.473



29, 56.597, 290.781



2, 7.937, 270.836

Inverse Universe

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



59, 20.960, 351.170



73, 30.974, 351.821



70, 24.875, 111.285



34, 4.391, 349.383



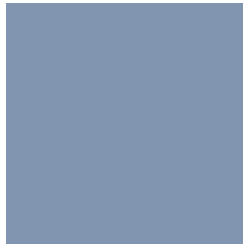
32, 57.035, 9.489



2, 8.734, 353.445

Previews

White Background



This preview shows how the CIELCh color 61, 16.341, 268.181 looks on a white background.

Color Contrast Check

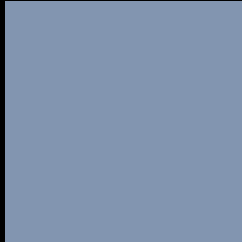
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.341, 268.181 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

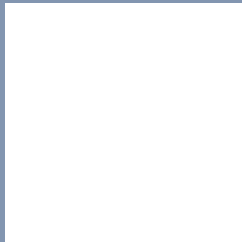
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 16.341, 268.181

Background



This preview shows how black text looks on a background with the CIELCh color 61, 16.341, 268.181.



This preview shows how white text looks on a background with the CIELCh color 61, 16.341, 268.181.

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

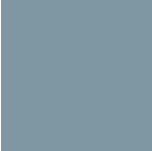
61, 16.341, 268.181

Protanopia

61, 15.830, 285.495

Deuteranopia

61, 18.640, 294.397



Tritanopia
61, 10.743, 237.959

Trichromacy



Original Color
61, 16.341, 268.181

Protanomaly
61, 16.055, 279.299

Deuteranomaly
61, 17.534, 285.215

Tritanomaly
61, 12.552, 253.127

Monochromacy



Original Color
61, 16.341, 268.181

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.158, 265.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 16.341, 268.181 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, 149, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 149, 176)  
}
```

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, 149, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 149, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 16.341, 268.181 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, 149, 176) }
```

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

```
.border{ border-color:rgb(130, 149, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 149, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 149, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 149, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 149,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 16.341, 268.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 149, 176) }
```

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

```
.background{ background-color: rgb(130,  
149, 176) }
```

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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