

Converting Colors

CIELCh(16, 62.027, 311.095)

Have a look what the booklet for
CIELCh(16, 62.027, 311.095)
contains.

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Color

CIELCh(16, 61.879, 311.169)

Conversions

Conversions Part 1

Format	Color
Hex	360B6C
RGB	54, 11, 108
RGB Percent	21%, 4%, 42%
CMY	0.7886, 0.9573, 0.5768
CMYK	0.50, 0.90, 0.00, 0.58
HSL	267°, 82%, 23%
HSV	267°, 90%, 42%
XYZ	4.3366, 2.0993, 14.3388
YIQ	34.9150, -5.5090, 39.2830

Conversions

Conversions Part 2

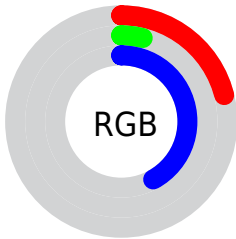
Format	Color
R_{YB}	54, 11, 108
Decimal	3541868
CIE _{Lab}	16.00, 40.73, -46.58
CIE _{LCh}	16, 61.879, 311.169
Yxy	2.0993, 0.2087, 0.1011
Android (android.graphics.Color)	4281731948 (0xFF360B6C)
YUV	34.9150, 36.0309, 16.7375
Hunter-Lab	14.4890, 28.0695, -48.5332




Details

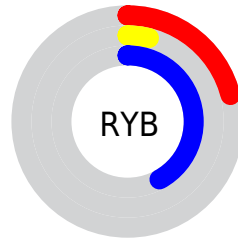
The CIELCh color **16, 61.879, 311.169** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **41, 53.232, 124.716**, and the grayscale version is **13, 0.003, 296.813**.




A 20% lighter version of the original color is **36, 61.556, 311.096**, and **3, 40.195, 299.911** is the 20% darker color. If you saturate the color by 10%, you get **14, 66.635, 311.233**, and if you desaturate by 10%, it is **18, 56.609, 311.090**.

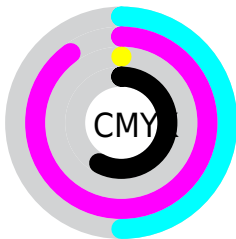
Distribution







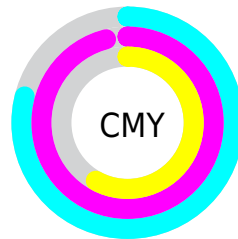
-  Red (21%)
-  Green (4%)
-  Blue (42%)






-  Red (21%)
-  Yellow (4%)
-  Blue (42%)



-  Cyan (50%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (58%)





-  Cyan (79%)
-  Magenta (96%)
-  Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 61.879, 311.169 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 16, 61.879, 311.169 by changing the saturation by 10% instead.

 16, 61.879,
311.169


 16, 61.879,
311.169


 100, 61.879,
311.169


 6, 61.879, 311.169


 36, 61.879,
311.169

 0, 61.879, 311.169

 46, 61.879,
311.169


 56, 61.879,
311.169


 66, 61.879,
311.169


 76, 61.879,
311.169


 86, 61.879,


311.169


 96, 61.879,
311.169


 16, 61.879,
311.169


 16, 61.879,
311.169


 14, 66.635,
311.233


 18, 56.609,
311.090

 14, 66.684,
311.236

 21, 50.212,
310.752

 24, 43.159,
310.262

 28, 35.804,
309.697

 31, 28.377,
309.112

■ 35, 21.018,
308.540

■ 38, 13.803,
308.001

■ 42, 6.772, 307.501

■ 46, 0.058, 128.155

Harmonies

Complementary

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



16, 61.879, 311.169



41, 53.232, 124.716

Rectangle

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



16, 61.879, 311.169



16, 61.879, 1.169



16, 61.879, 131.169



16, 61.879, 181.169

Sweetspot

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



16, 61.879, 311.170



46, 23.464, 308.420



27, 29.182, 269.900



22, 15.985, 308.558



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



16, 61.879, 311.170



20, 80.741, 310.934



24, 58.931, 325.754



20, 3.813, 307.455



16, 70.836, 311.132



37, 122.707, 310.493

Inverse Universe

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



23, 44.286, 352.271



30, 55.262, 355.856



39, 60.136, 136.130



21, 3.226, 341.338



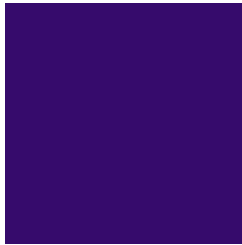
24, 48.716, 355.179



53, 83.113, 357.442

Previews

White Background



This preview shows how the CIELCh color 16, 61.879, 311.169 looks on a white 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 16, 61.879, 311.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

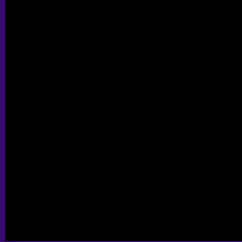
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 16, 61.879, 311.169

Background



This preview shows how black text looks on a background with the CIELCh color 16, 61.879, 311.169.



This preview shows how white text looks on a background with the CIELCh color 16, 61.879, 311.169.

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

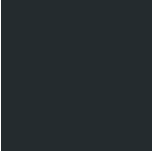
16, 61.879, 311.169

Protanopia

16, 31.751, 282.960

Deuteranopia

17, 22.543, 268.126



Tritanopia
17, 3.726, 233.090

Trichromacy



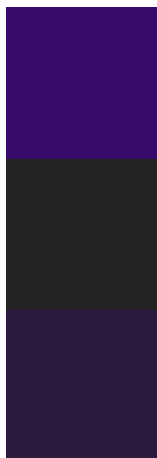
Original Color
16, 61.879, 311.169

Protanomaly
15, 44.649, 298.294

Deuteranomaly
14, 38.623, 295.805

Tritanomaly
15, 27.121, 305.955

Monochromacy



Original Color
16, 61.879, 311.169

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 26.365, 309.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 61.879, 311.169 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(54, 11, 108)` looks like.

```
.text, #text, p{  
    color:rgb(54, 11, 108)  
}
```

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(54, 11, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 11, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 61.879, 311.169 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(54, 11, 108) }
```

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

```
.border{ border-color:rgb(54, 11, 108) }
```

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

Here you see how a box with a 4 pixel rgb(54, 11, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 11, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 11, 108);  
box-shadow:4px 4px 4px 4px rgb(54, 11,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 16, 61.879, 311.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 11, 108) }
```

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

```
.background{ background-color: rgb(54, 11,  
108) }
```

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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