

Converting Colors

CIELCh(61, 16.281, 293.248)

Have a look what the booklet for
CIELCh(61, 16.281, 293.248)
contains.

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Color

CIELCh(61, 15.793, 293.215)

Conversions

Conversions Part 1

Format	Color
Hex	9291AD
RGB	146, 145, 173
RGB Percent	57%, 57%, 68%
CMY	0.4286, 0.4325, 0.3228
CMYK	0.16, 0.16, 0.00, 0.32
HSL	242°, 15%, 62%
HSV	242°, 16%, 68%
XYZ	29.3933, 29.2481, 43.4749
YIQ	148.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

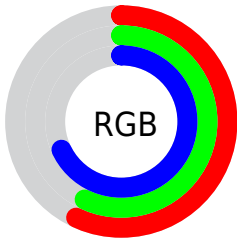
Format	Color
RYB	146, 145, 173
Decimal	9605549
CIELab	61.00, 6.23, -14.51
CIELCh	61, 15.793, 293.215
Yxy	29.2481, 0.2878, 0.2864
Android (android.graphics.Color)	4287795629 (0xFF9291AD)
YUV	148.4910, 12.0829, -2.1846
Hunter-Lab	54.0815, 2.3719, -9.8048

Details

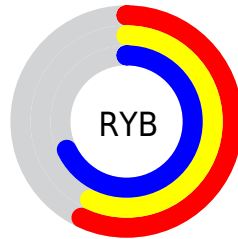
The CIELCh color $61, 15.793, 293.215$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 15.225, 110.126$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 15.435, 292.811$, and $41, 15.790, 292.505$ is the 20% darker color. If you saturate the color by 10%, you get $55, 26.061, 294.449$, and if you desaturate by 10%, it is $67, 5.933, 292.162$.

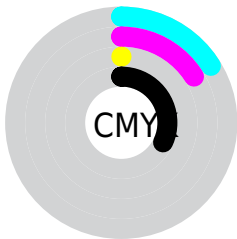
Distribution



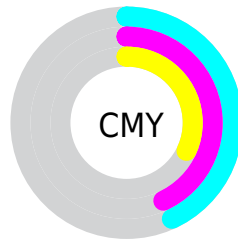
- Red (57%)
- Green (57%)
- Blue (68%)



- Red (57%)
- Yellow (57%)
- Blue (68%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (32%)



- Cyan (43%)
- Magenta (43%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 15.793, 293.215 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, 15.793, 293.215 by changing the saturation by 10% instead.

■ 61, 15.793,
293.215

■ 61, 15.793,
293.215

■ 100, 15.793,
293.215

■ 51, 15.793,
293.215

■ 81, 15.793,
293.215

■ 41, 15.793,
293.215

■ 91, 15.793,
293.215

■ 31, 15.793,
293.215

■ 21, 15.793,
293.215

■ 11, 15.793,
293.215

■ 1, 15.793, 293.215

■ 0, 15.793, 293.215

61, 15.793,
293.215

61, 15.793,
293.215

55, 26.061,
294.449

67, 5.933, 292.162

49, 36.765,
295.892

73, 3.543, 111.242

43, 47.901,
297.552

79, 12.664,
110.484

37, 59.396,
299.413

85, 21.456,
109.829

32, 71.000,
301.401

90, 29.942,
109.266

27, 82.097,
303.351

96, 38.143,
108.781

23, 91.509,
304.990

98, 41.223,
107.031

21, 97.780,

306.039

■ 20, 99.726,
306.401

Harmonies

Complementary

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



61, 15.793, 293.215



70, 15.225, 110.126

Rectangle

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



61, 15.793, 293.215



61, 15.793, 343.215



61, 15.793, 113.215



61, 15.793, 163.215

Sweetspot

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



61, 15.792, 293.213



86, 5.903, 292.056



68, 9.755, 201.667



45, 4.027, 292.120



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 15.792, 293.213



75, 23.053, 293.579



62, 16.726, 310.931



33, 5.461, 292.469



17, 90.073, 306.422



1, 11.352, 291.320

Inverse Universe

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



63, 18.414, 326.282



79, 26.736, 326.456



69, 16.392, 129.525



34, 6.433, 325.892



35, 75.852, 329.674



2, 13.371, 325.867

Previews

White Background



This preview shows how the CIELCh color 61, 15.793, 293.215 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, 15.793, 293.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

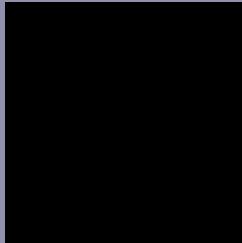
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

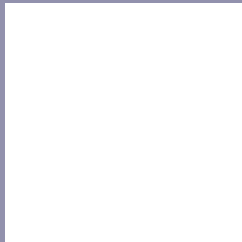
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 15.793, 293.215

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.793, 293.215.



This preview shows how white text looks on a background with the CIELCh color 61, 15.793, 293.215.

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

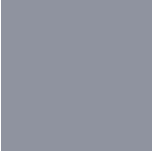
61, 15.793, 293.215

Protanopia

61, 15.243, 286.498

Deuteranopia

61, 16.486, 298.238



Tritanopia
61, 6.892, 278.480

Trichromacy



Original Color
61, 15.793, 293.215

Protanomaly
61, 15.221, 287.825

Deuteranomaly
61, 16.447, 296.988

Tritanomaly
61, 10.156, 287.166

Monochromacy



Original Color
61, 15.793, 293.215

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.631, 290.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.793, 293.215 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, 145, 173)` looks like.

```
.text, #text, p{  
    color:rgb(146, 145, 173)  
}
```

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, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 145, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.793, 293.215 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, 145, 173) }
```

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

```
.border{ border-color:rgb(146, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(146, 145,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.793, 293.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 145, 173) }
```

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

```
.background{ background-color: rgb(146,  
145, 173) }
```

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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