

Converting Colors

CIELCh(66, 2.246, 280.801)

Have a look what the booklet for
CIELCh(66, 2.246, 280.801) contains.

CIELCh(66, 2.249, 280.803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 2.249, 280.803)

Conversions

Conversions Part 1

Format	Color
Hex	9FA0A4
RGB	159, 160, 164
RGB Percent	62%, 63%, 64%
CMY	0.3754, 0.3715, 0.3558
CMYK	0.03, 0.02, 0.00, 0.36
HSL	228°, 3%, 63%
HSV	228°, 3%, 64%
XYZ	33.6945, 35.3238, 40.2929
YIQ	160.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

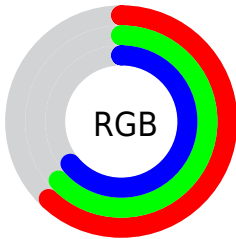
Format	Color
RYB	159, 160, 164
Decimal	10461348
CIELab	66.00, 0.42, -2.21
CIELCh	66, 2.249, 280.803
Yxy	35.3238, 0.3082, 0.3231
Android (android.graphics.Color)	4288651428 (0xFF9FA0A4)
YUV	160.1570, 1.8946, -1.0147
Hunter-Lab	59.4338, -2.8132, 1.4083

Details

The CIELCh color $66, 2.249, 280.803$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 2.225, 99.976$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 2.131, 280.740$, and $46, 1.825, 277.698$ is the 20% darker color. If you saturate the color by 10%, you get $61, 9.739, 281.957$, and if you desaturate by 10%, it is $71, 5.037, 99.621$.

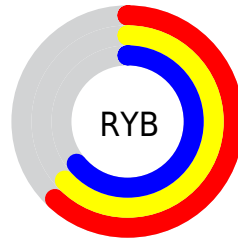
Distribution



Red (62%)

Green (63%)

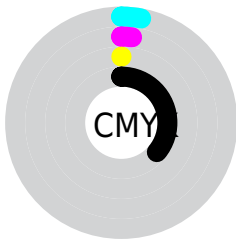
Blue (64%)



Red (62%)

Yellow (63%)

Blue (64%)

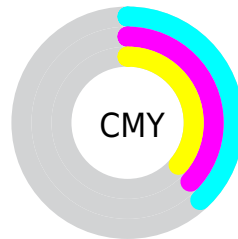


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 2.249, 280.803 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 66, 2.249, 280.803 by changing the saturation by 10% instead.

■ 66, 2.249, 280.803

■ 66, 2.249, 280.803

100, 2.249,
280.803

■ 56, 2.249, 280.803

■ 86, 2.249, 280.803

■ 46, 2.249, 280.803

■ 96, 2.249, 280.803

■ 36, 2.249, 280.803

■ 26, 2.249, 280.803

■ 16, 2.249, 280.803

■ 6, 2.249, 280.803

■ 0, 2.249, 280.803

■ 66, 2.249, 280.803

■ 66, 2.249, 280.803

■ 61, 9.739, 281.957

■ 71, 5.037, 99.621

■ 56, 17.450,
283.387

■ 76, 12.128, 98.716

■ 51, 25.401,
285.060

■ 80, 19.034, 97.918

■ 85, 25.762, 97.217

■ 47, 33.613,
287.008

■ 90, 32.322, 96.598

■ 42, 42.112,
289.257

■ 94, 38.503, 97.701

■ 98, 44.047,
105.356

■ 37, 50.907,
291.810

■ 98, 45.306,
106.715

■ 33, 59.959,
294.622

■ 29, 69.099,
297.572

■ 25, 77.915,
300.452

Harmonies

Complementary

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



66, 2.249, 280.803



67, 2.225, 99.976

Rectangle

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



66, 2.249, 280.803



66, 2.249, 330.803



66, 2.249, 100.803



66, 2.249, 150.803

Sweetspot

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



66, 2.248, 280.771



85, 0.920, 280.663



67, 1.985, 181.941



45, 0.522, 280.667



93, 0.011, 296.813



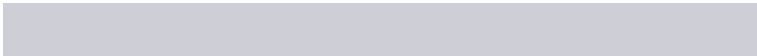
45, 0.006, 296.813

Same Dimension

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



66, 2.248, 280.771



83, 3.666, 280.874



66, 2.838, 301.336



33, 2.079, 280.934



20, 75.667, 301.913



1, 6.566, 281.484

Inverse Universe

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



66, 2.000, 3.259



83, 3.269, 3.408



67, 2.806, 121.014



33, 1.855, 3.478



30, 60.521, 28.263



1, 5.670, 4.657

Previews

White Background



This preview shows how the CIELCh color 66, 2.249, 280.803 looks on a white 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

Black Background



This preview shows how the CIE LCh color 66, 2.249, 280.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

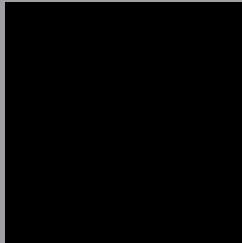
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 2.249, 280.803

Background



This preview shows how black text looks on a background with the CIELCh color 66, 2.249, 280.803.



This preview shows how white text looks on a background with the CIELCh color 66, 2.249, 280.803.

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


66, 2.249, 280.803

Protanopia

66, 3.015, 312.563

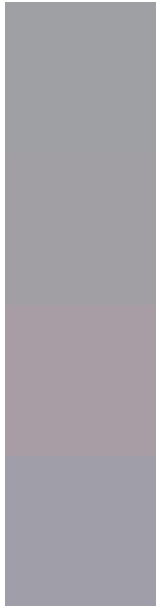
Deuteranopia

66, 9.159, 343.104



Tritanopia
66, 7.229, 293.865

Trichromacy



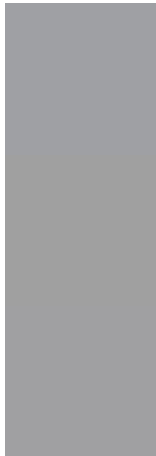
Original Color
66, 2.249, 280.803

Protanomaly
66, 2.890, 305.622

Deuteranomaly
66, 6.394, 336.107

Tritanomaly
66, 5.569, 294.598

Monochromacy



Original Color
66, 2.249, 280.803

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 1.115, 290.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 2.249, 280.803 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(159, 160, 164)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 164)  
}
```

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(159, 160, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 2.249, 280.803 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(159, 160, 164) }
```

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

```
.border{ border-color:rgb(159, 160, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 164);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 2.249, 280.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 164) }
```

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

```
.background{ background-color: rgb(159,  
160, 164) }
```

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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