

Converting Colors

CIELCh(65, 1.977, 359.575)

Have a look what the booklet for
CIELCh(65, 1.977, 359.575) contains.

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Color

CIELCh(65, 1.639, 359.484)

Conversions

Conversions Part 1

Format	Color
Hex	A19D9E
RGB	161, 157, 158
RGB Percent	63%, 62%, 62%
CMY	0.3695, 0.3852, 0.3813
CMYK	0.00, 0.02, 0.02, 0.37
HSL	345°, 2%, 62%
HSV	345°, 2%, 63%
XYZ	32.8187, 34.0472, 37.0833
YIQ	158.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

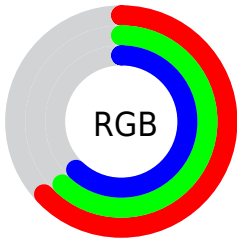
Format	Color
RYB	161, 157, 158
Decimal	10591646
CIELab	65.00, 1.64, -0.01
CIELCh	65, 1.639, 359.484
Yxy	34.0472, 0.3157, 0.3275
Android (android.graphics.Color)	4288781726 (0xFFA19D9E)
YUV	158.3100, -0.1528, 2.3591
Hunter-Lab	58.3500, -1.7158, 3.1642

Details

The CIELCh color $65, 1.639, 359.484$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 1.617, 179.595$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 1.550, 359.350$, and $45, 1.759, 359.652$ is the 20% darker color. If you saturate the color by 10%, you get $60, 8.405, 0.696$, and if you desaturate by 10%, it is $70, 4.812, 179.021$.

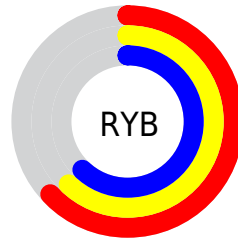
Distribution



Red (63%)

Green (62%)

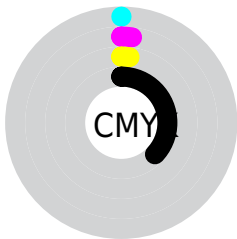
Blue (62%)



Red (63%)

Yellow (62%)

Blue (62%)

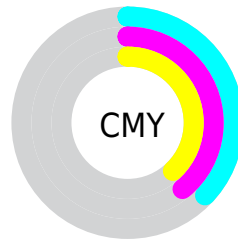


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 1.639, 359.484 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 65, 1.639, 359.484 by changing the saturation by 10% instead.

■ 65, 1.639, 359.484

■ 65, 1.639, 359.484

■ 100, 1.639,
359.484

■ 55, 1.639, 359.484

■ 85, 1.639, 359.484

■ 45, 1.639, 359.484

■ 95, 1.639, 359.484

■ 35, 1.639, 359.484

■ 25, 1.639, 359.484

■ 15, 1.639, 359.484

■ 5, 1.639, 359.484

■ 0, 1.639, 359.484

■ 65, 1.639, 359.484

■ 65, 1.639, 359.484

■ 60, 8.405, 0.696

■ 70, 4.812, 179.021

56, 15.464, 1.845

74, 10.944,
178.225

52, 22.749, 3.187

79, 16.769,
177.545

47, 30.137, 4.800

44, 37.436, 6.780

84, 22.311,
176.938

40, 44.379, 9.255

89, 27.593,
176.388

38, 50.665, 12.376

35, 56.049, 16.290

93, 32.639,
175.887

34, 60.464, 21.059

94, 30.862,
185.092

94, 29.251,
196.890

94, 29.194,
197.619

Harmonies

Complementary

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



65, 1.639, 359.484



66, 1.617, 179.595

Rectangle

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



65, 1.639, 359.484



65, 1.639, 49.484



65, 1.639, 179.484



65, 1.639, 229.484

Sweetspot

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



65, 1.637, 359.521



83, 0.816, 359.020



65, 2.515, 317.332



44, 0.463, 358.976



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 1.637, 359.521



82, 2.450, 359.621



65, 1.269, 44.957



34, 1.512, 359.718



30, 58.789, 24.321



1, 5.774, 1.285

Inverse Universe

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



65, 1.637, 359.521



82, 2.450, 359.621



66, 1.257, 225.885



34, 1.512, 359.718



30, 58.789, 24.321



1, 5.774, 1.285

Previews

White Background



This preview shows how the CIELCh color 65, 1.639, 359.484 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 65, 1.639, 359.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

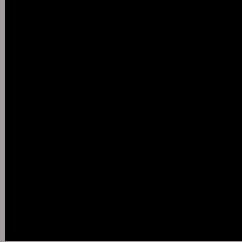
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

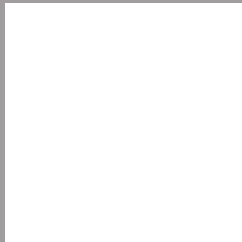
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 1.639, 359.484

Background



This preview shows how black text looks on a background with the CIELCh color 65, 1.639, 359.484.

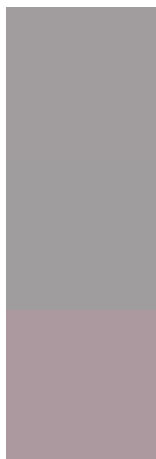


This preview shows how white text looks on a background with the CIELCh color 65, 1.639, 359.484.

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

65, 1.639, 359.484

Protanopia

65, 1.285, 353.551

Deuteranopia

65, 8.078, 355.865



Tritanopia
65, 7.212, 312.203

Trichromacy



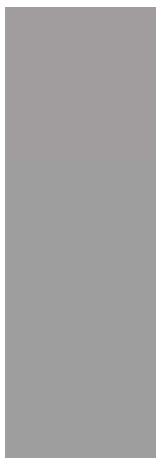
Original Color
65, 1.639, 359.484

Protanomaly
65, 1.285, 353.551

Deuteranomaly
65, 6.083, 352.817

Tritanomaly
65, 5.022, 317.464

Monochromacy



Original Color
65, 1.639, 359.484

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 0.383, 18.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 1.639, 359.484 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(161, 157, 158)` looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 158)  
}
```

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(161, 157, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 1.639, 359.484 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(161, 157, 158) }
```

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

```
.border{ border-color:rgb(161, 157, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 157, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 157, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 157, 158);  
box-shadow:4px 4px 4px 4px rgb(161, 157,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 1.639, 359.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 158) }
```

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

```
.background{ background-color: rgb(161,  
157, 158) }
```

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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