

Converting Colors

CIELCh(65, 2.033, 11.812)

Have a look what the booklet for
CIELCh(65, 2.033, 11.812) contains.

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Color

CIELCh(65, 1.922, 19.342)

Conversions

Conversions Part 1

Format	Color
Hex	A29D9D
RGB	162, 157, 157
RGB Percent	64%, 62%, 62%
CMY	0.3662, 0.3858, 0.3858
CMYK	0.00, 0.03, 0.03, 0.37
HSL	0°, 3%, 62%
HSV	0°, 3%, 63%
XYZ	32.8677, 34.0472, 36.5670
YIQ	158.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

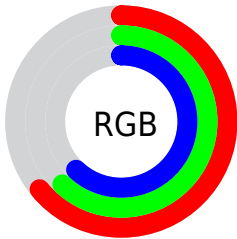
Format	Color
RYB	162, 157, 157
Decimal	10657181
CIELab	65.00, 1.81, 0.64
CIELCh	65, 1.922, 19.342
Yxy	34.0472, 0.3176, 0.3290
Android (android.graphics.Color)	4288847261 (0xFFA29D9D)
YUV	158.4950, -0.7370, 3.0739
Hunter-Lab	58.3500, -1.5659, 3.6889

Details

The CIELCh color **65, 1.922, 19.342** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 1.884, 199.534**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 1.816, 19.221**, and **45, 1.652, 19.397** is the 20% darker color. If you saturate the color by 10%, you get **60, 8.453, 20.247**, and if you desaturate by 10%, it is **70, 4.127, 199.223**.

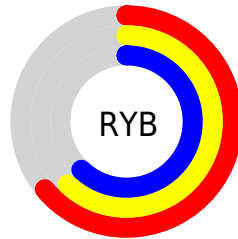
Distribution



Red (64%)

Green (62%)

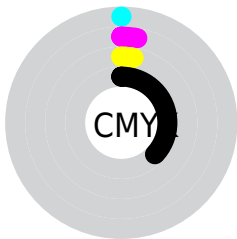
Blue (62%)



Red (64%)

Yellow (62%)

Blue (62%)

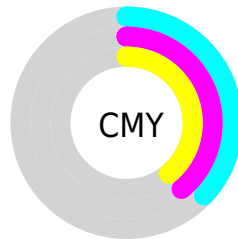


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (37%)



Cyan (37%)

Magenta (39%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 1.922, 19.342 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, 1.922, 19.342 by changing the saturation by 10% instead.

■ 65, 1.922, 19.342

■ 65, 1.922, 19.342

■ 100, 1.922, 19.342

■ 55, 1.922, 19.342

■ 85, 1.922, 19.342

■ 45, 1.922, 19.342

■ 95, 1.922, 19.342

■ 35, 1.922, 19.342

■ 25, 1.922, 19.342

■ 15, 1.922, 19.342

■ 5, 1.922, 19.342

■ 0, 1.922, 19.342

■ 65, 1.922, 19.342

■ 65, 1.922, 19.342

■ 60, 8.453, 20.247

■ 70, 4.127, 199.223

56, 15.493, 21.133

75, 9.730, 198.740

51, 23.038, 22.260

79, 14.935,
198.390

47, 31.034, 23.720

84, 19.786,
198.112

43, 39.363, 25.616

40, 47.830, 28.050

89, 24.326,
197.886

37, 56.157, 31.067

94, 28.595,
197.701

35, 63.944, 34.528

34, 70.398, 37.836

94, 28.974,
197.632

Harmonies

Complementary

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



65, 1.922, 19.342



66, 1.884, 199.534

Rectangle

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



65, 1.922, 19.342



65, 1.922, 69.342



65, 1.922, 199.342



65, 1.922, 249.342

Sweetspot

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



65, 1.921, 19.388



83, 0.761, 18.765



65, 3.387, 324.543



44, 0.432, 18.714



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, 1.921, 19.388



82, 3.076, 19.507



66, 1.669, 74.866



33, 1.782, 19.564



30, 68.055, 39.273



1, 5.461, 19.447

Inverse Universe

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



66, 1.884, 199.534



83, 3.000, 199.422



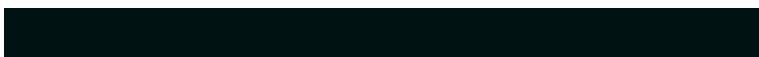
65, 1.669, 255.979



34, 1.731, 199.369



54, 32.940, 196.470



4, 5.459, 199.484

Previews

White Background



This preview shows how the CIELCh color 65, 1.922, 19.342 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, 1.922, 19.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

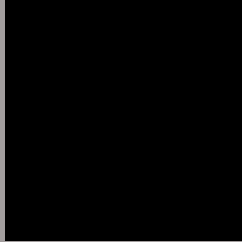
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 1.922, 19.342

Background



This preview shows how black text looks on a background with the CIELCh color 65, 1.922, 19.342.

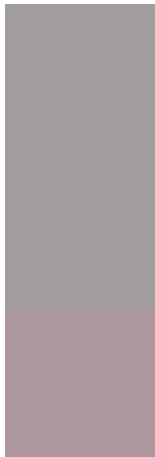


This preview shows how white text looks on a background with the CIELCh color 65, 1.922, 19.342.

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, 1.922, 19.342

Protanopia

65, 1.536, 19.246

Deuteranopia

65, 8.093, 4.279



Tritanopia
65, 7.360, 314.940

Trichromacy



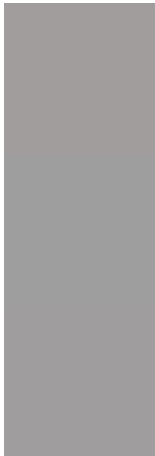
Original Color
65, 1.922, 19.342

Protanomaly
65, 1.536, 19.246

Deuteranomaly
65, 6.053, 3.991

Tritanomaly
65, 4.536, 320.644

Monochromacy



Original Color
65, 1.922, 19.342

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 0.767, 18.874

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 1.922, 19.342 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(162, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(162, 157, 157)  
}
```

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(162, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 157, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 1.922, 19.342 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(162, 157, 157) }
```

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

```
.border{ border-color:rgb(162, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(162, 157,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 1.922, 19.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 157, 157) }
```

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

```
.background{ background-color: rgb(162,  
157, 157) }
```

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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