

Converting Colors

CIELCh(65, 4.800, 59.896)

Have a look what the booklet for
CIELCh(65, 4.800, 59.896) contains.

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Color

CIELCh(65, 4.835, 62.911)

Conversions

Conversions Part 1

Format	Color
Hex	A59C96
RGB	165, 156, 150
RGB Percent	65%, 61%, 59%
CMY	0.3524, 0.3877, 0.4112
CMYK	0.00, 0.05, 0.09, 0.35
HSL	24°, 8%, 62%
HSV	24°, 9%, 65%
XYZ	32.9769, 34.0472, 33.7482
YIQ	158.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

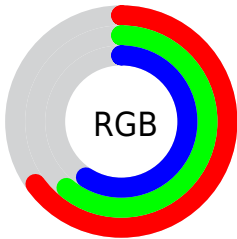
Format	Color
RYB	165, 160, 150
Decimal	10853526
CIELab	65.00, 2.20, 4.30
CIELCh	65, 4.835, 62.911
Yxy	34.0472, 0.3272, 0.3379
Android (android.graphics.Color)	4289043606 (0xFFA59C96)
YUV	158.0070, -3.9475, 6.1329
Hunter-Lab	58.3500, -1.2318, 6.5531

Details

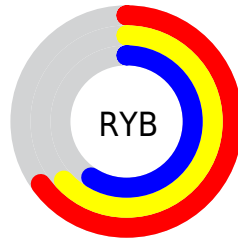
The CIELCh color **65, 4.835, 62.911** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 4.669, 244.989**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 4.833, 60.063**, and **45, 4.921, 65.975** is the 20% darker color. If you saturate the color by 10%, you get **62, 10.478, 61.989**, and if you desaturate by 10%, it is **68, 0.478, 244.819**.

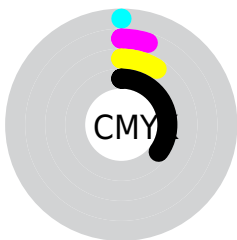
Distribution



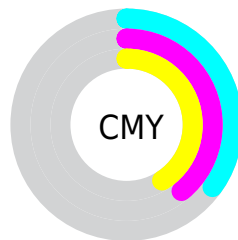
- Red (65%)
- Green (61%)
- Blue (59%)



- Red (65%)
- Yellow (63%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (35%)



- Cyan (35%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 4.835, 62.911 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, 4.835, 62.911 by changing the saturation by 10% instead.

 65, 4.835, 62.911  65, 4.835, 62.911

 100, 4.835, 62.911  55, 4.835, 62.911

 85, 4.835, 62.911  45, 4.835, 62.911

 95, 4.835, 62.911  35, 4.835, 62.911

 25, 4.835, 62.911

 15, 4.835, 62.911

 5, 4.835, 62.911

 0, 4.835, 62.911

 65, 4.835, 62.911  65, 4.835, 62.911

 62, 10.478, 61.989  68, 0.478, 244.819

59, 16.481, 61.035

71, 5.497, 245.082

56, 22.868, 60.108

74, 10.254,
246.036

53, 29.645, 59.220

77, 14.780,
246.993

51, 36.776, 58.367

48, 44.150, 57.513

81, 19.104,
247.931

46, 51.494, 56.560

84, 23.250,
248.843

43, 58.241, 55.274

41, 63.920, 53.585

87, 23.750,
239.373

89, 23.727,
223.827

92, 25.290,
209.439

Harmonies

Complementary

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



65, 4.835, 62.911



65, 4.669, 244.989

Rectangle

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



65, 4.835, 62.911



65, 4.835, 112.911



65, 4.835, 242.911



65, 4.835, 292.911

Sweetspot

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



65, 4.835, 62.935



85, 1.934, 63.375



64, 7.670, 339.264



44, 1.468, 63.347



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 4.835, 62.935



82, 7.282, 62.740



67, 7.444, 104.865



33, 2.983, 62.920



36, 58.514, 53.907



3, 4.490, 59.308

Inverse Universe

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



65, 4.669, 244.989



82, 6.966, 245.230



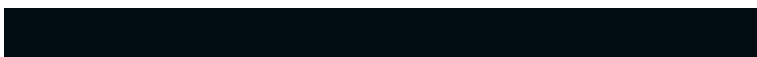
63, 7.570, 286.800



33, 2.879, 245.008



36, 38.193, 271.325



2, 4.656, 250.528

Previews

White Background



This preview shows how the CIELCh color 65, 4.835, 62.911 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 CIELCh color 65, 4.835, 62.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

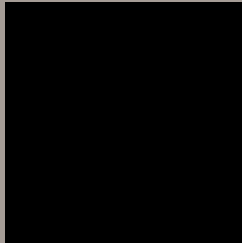
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 4.835, 62.911

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.835, 62.911.



This preview shows how white text looks on a background with the CIELCh color 65, 4.835, 62.911.

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, 4.835, 62.911

Protanopia

65, 3.837, 79.271

Deuteranopia

65, 9.104, 23.681



Tritanopia
65, 8.331, 326.989

Trichromacy



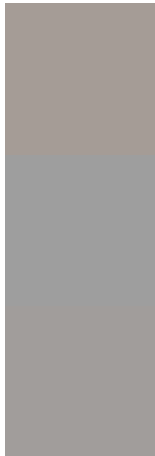
Original Color
65, 4.835, 62.911

Protanomaly
65, 4.049, 74.466

Deuteranomaly
65, 6.893, 33.843

Tritanomaly
65, 5.072, 346.662

Monochromacy



Original Color
65, 4.835, 62.911

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.888, 55.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.835, 62.911 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(165, 156, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 156, 150)  
}
```

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(165, 156, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 156, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.835, 62.911 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(165, 156, 150) }
```

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

```
.border{ border-color:rgb(165, 156, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 156, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 156, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 156, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 156,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.835, 62.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 156, 150) }
```

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

```
.background{ background-color: rgb(165,  
156, 150) }
```

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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