

Converting Colors

CIELCh(65, 8.088, 324.798)

Have a look what the booklet for
CIELCh(65, 8.088, 324.798) contains.

CIELCh(65, 8.112, 324.803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 8.112, 324.803)

Conversions

Conversions Part 1

Format	Color
Hex	A69AA6
RGB	166, 154, 166
RGB Percent	65%, 60%, 65%
CMY	0.3484, 0.3954, 0.3484
CMYK	0.00, 0.07, 0.00, 0.35
HSL	300°, 6%, 63%
HSV	300°, 7%, 65%
XYZ	34.2393, 34.0472, 40.9211
YIQ	158.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

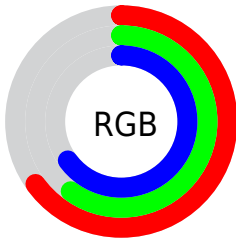
Format	Color
R_{YB}	166, 154, 166
Decimal	10918566
CIE _{Lab}	65.00, 6.63, -4.68
CIE _{LCh}	65, 8.112, 324.803
Yxy	34.0472, 0.3135, 0.3118
Android (android.graphics.Color)	4289108646 (0xFFA69AA6)
YUV	158.9560, 3.4727, 6.1776
Hunter-Lab	58.3500, 2.6300, -0.7354

Details

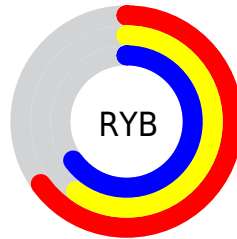
The CIELCh color $65, 8.112, 324.803$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.094, 144.061$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.326, 324.731$, and $45, 7.970, 324.922$ is the 20% darker color. If you saturate the color by 10%, you get $61, 19.430, 325.358$, and if you desaturate by 10%, it is $69, 3.083, 144.369$.

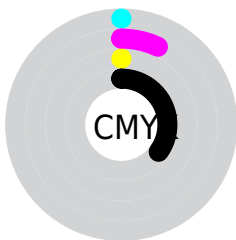
Distribution



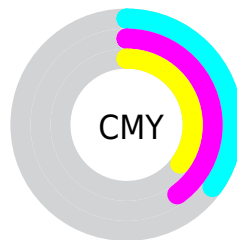
- Red (65%)
- Green (60%)
- Blue (65%)



- Red (65%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)





- Cyan (35%)
- Magenta (40%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 8.112, 324.803 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 65, 8.112, 324.803 by changing the saturation by 10% instead.


 65, 8.112, 324.803


 65, 8.112, 324.803

 100, 8.112,
324.803

 55, 8.112, 324.803


 85, 8.112, 324.803

 45, 8.112, 324.803

 95, 8.112, 324.803

 35, 8.112, 324.803


 25, 8.112, 324.803

 15, 8.112, 324.803

 5, 8.112, 324.803

 0, 8.112, 324.803

 65, 8.112, 324.803

 65, 8.112, 324.803

 61, 19.430,

 69, 3.083, 144.369

325.358

74, 14.048,
143.788

57, 30.721,
325.893

79, 24.728,
143.276

53, 41.759,
326.405

83, 35.090,
142.791

49, 52.239,
326.879

88, 45.124,
142.332

46, 61.783,
327.301

92, 54.832,
141.900

44, 69.969,
327.654

93, 55.486,
141.872

42, 76.403,
327.926

93, 55.486,
141.872

40, 80.818,
328.109

93, 55.486,
141.872

40, 83.294,
328.210

Harmonies

Complementary

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



65, 8.112, 324.803



67, 8.094, 144.061

Rectangle

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



65, 8.112, 324.803



65, 8.112, 14.803



65, 8.112, 144.803



65, 8.112, 194.803

Sweetspot

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



65, 8.110, 324.803



86, 2.783, 324.454



64, 6.698, 290.902



46, 1.595, 324.442



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 8.110, 324.803



82, 12.561, 324.914



65, 5.707, 344.176



33, 6.429, 324.921



35, 76.992, 328.233



2, 11.673, 324.440

Inverse Universe

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



65, 8.110, 324.803



82, 12.561, 324.914



67, 5.648, 163.127



33, 6.429, 324.921



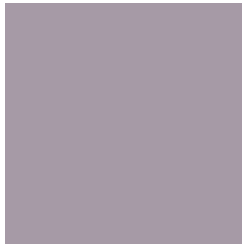
35, 76.992, 328.233



2, 11.673, 324.440

Previews

White Background



This preview shows how the CIELCh color 65, 8.112, 324.803 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 65, 8.112, 324.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

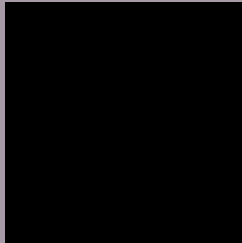
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 8.112, 324.803

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.112, 324.803.



This preview shows how white text looks on a background with the CIELCh color 65, 8.112, 324.803.

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

65, 8.112, 324.803

Protanopia

65, 6.136, 294.305

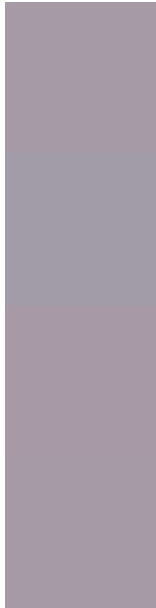
Deuteranopia

65, 9.478, 330.640



Tritanopia
65, 8.112, 324.803

Trichromacy



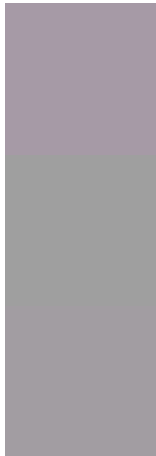
Original Color
65, 8.112, 324.803

Protanomaly
65, 6.427, 307.751

Deuteranomaly
65, 9.239, 328.796

Tritanomaly
65, 8.112, 324.803

Monochromacy



Original Color
65, 8.112, 324.803

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.388, 324.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.112, 324.803 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(166, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 166)  
}
```

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(166, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.112, 324.803 is called "border". The border property can be set on classes, ids or directly on the HTML element.

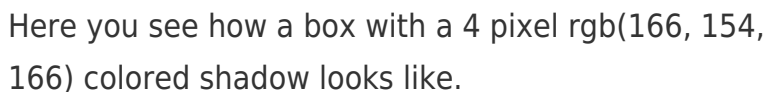
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 154, 166) }
```

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

```
.border{ border-color:rgb(166, 154, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 154, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 154, 166); box-shadow:4px 4px 4px 4px rgb(166, 154, 166) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.112, 324.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 166) }
```

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

```
.background{ background-color: rgb(166,  
154, 166) }
```

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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