

Converting Colors

CIELCh(65, 8.502, 332.450)

Have a look what the booklet for
CIELCh(65, 8.502, 332.450) contains.

CIELCh(65, 8.140, 331.513)	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, 8.140, 331.513)

Conversions

Conversions Part 1

Format	Color
Hex	A89AA5
RGB	168, 154, 165
RGB Percent	66%, 60%, 65%
CMY	0.3421, 0.3969, 0.3538
CMYK	0.00, 0.08, 0.02, 0.34
HSL	313°, 7%, 63%
HSV	313°, 8%, 66%
XYZ	34.3913, 34.0472, 40.2501
YIQ	159.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

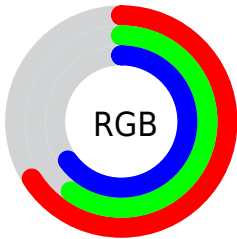
Format	Color
RYB	168, 154, 165
Decimal	11049637
CIELab	65.00, 7.15, -3.88
CIELCh	65, 8.140, 331.513
Yxy	34.0472, 0.3164, 0.3133
Android (android.graphics.Color)	4289239717 (0xFFA89AA5)
YUV	159.4400, 2.7411, 7.5071
Hunter-Lab	58.3500, 3.0948, -0.0536

Details

The CIELCh color $65, 8.140, 331.513$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.111, 150.533$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.349, 330.905$, and $45, 8.003, 332.283$ is the 20% darker color. If you saturate the color by 10%, you get $61, 17.993, 332.172$, and if you desaturate by 10%, it is $70, 1.596, 151.108$.

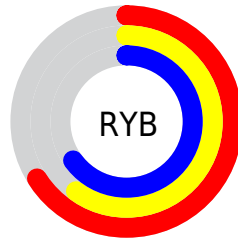
Distribution



Red (66%)

Green (60%)

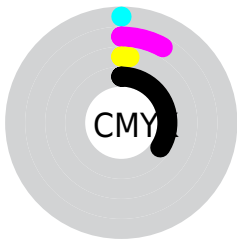
Blue (65%)



Red (66%)

Yellow (60%)

Blue (65%)

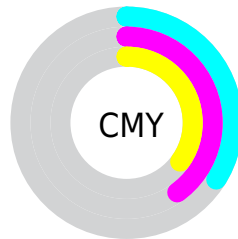


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 8.140, 331.513 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, 8.140, 331.513 by changing the saturation by 10% instead.

65, 8.140, 331.513

65, 8.140, 331.513

100, 8.140,
331.513

55, 8.140, 331.513

85, 8.140, 331.513

45, 8.140, 331.513

95, 8.140, 331.513

35, 8.140, 331.513

25, 8.140, 331.513

15, 8.140, 331.513

5, 8.140, 331.513

0, 8.140, 331.513

65, 8.140, 331.513

65, 8.140, 331.513

61, 17.993,

70, 1.596, 151.108

332.172

74, 11.124,
150.375

56, 27.835,
332.843

79, 20.401,
149.807

52, 37.459,
333.537

84, 29.405,
149.274

49, 46.578,
334.257

88, 38.132,
148.772

45, 54.822,
335.011

93, 46.587,
148.298

43, 61.760,
335.812

93, 45.479,
149.681

40, 66.973,
336.683

93, 44.071,
151.211

39, 70.162,
337.657

93, 42.685,
152.836

38, 71.477,
338.759

Harmonies

Complementary

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



65, 8.140, 331.513



67, 8.111, 150.533

Rectangle

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



65, 8.140, 331.513



65, 8.140, 21.513



65, 8.140, 151.513



65, 8.140, 201.513

Sweetspot

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



65, 8.138, 331.515



86, 3.629, 331.129



64, 7.895, 298.572



45, 2.747, 331.196



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, 8.138, 331.515



82, 12.147, 331.637



65, 5.898, 356.664



33, 5.539, 331.577



33, 65.416, 338.809



2, 9.593, 333.416

Inverse Universe

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



65, 8.138, 331.515



82, 12.147, 331.637



68, 5.759, 175.279



33, 5.539, 331.577



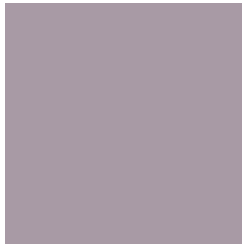
33, 65.416, 338.809



2, 9.593, 333.416

Previews

White Background



This preview shows how the CIELCh color 65, 8.140, 331.513 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, 8.140, 331.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

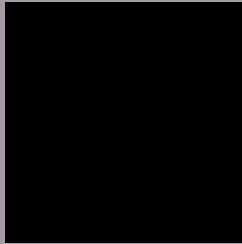
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 8.140, 331.513

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.140, 331.513.



This preview shows how white text looks on a background with the CIELCh color 65, 8.140, 331.513.

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, 8.140, 331.513

Protanopia

65, 5.582, 294.603

Deuteranopia

65, 9.327, 334.686



Tritanopia
65, 8.562, 329.067

Trichromacy



Original Color
65, 8.140, 331.513

Protanomaly
65, 6.032, 312.707

Deuteranomaly
65, 9.066, 332.913

Tritanomaly
65, 8.562, 329.067

Monochromacy



Original Color
65, 8.140, 331.513

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.948, 330.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.140, 331.513 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(168, 154, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 154, 165)  
}
```

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(168, 154, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 154, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.140, 331.513 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(168, 154, 165) }
```

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

```
.border{ border-color:rgb(168, 154, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 154, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 154, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 154, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 154,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.140, 331.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 154, 165) }
```

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

```
.background{ background-color: rgb(168,  
154, 165) }
```

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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