

Converting Colors

CIELCh(65, 8.958, 333.618)

Have a look what the booklet for
CIELCh(65, 8.958, 333.618) contains.

CIELCh(65, 9.066, 332.913)	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, 9.066, 332.913)

Conversions

Conversions Part 1

Format	Color
Hex	A999A5
RGB	169, 153, 165
RGB Percent	66%, 60%, 65%
CMY	0.3363, 0.3991, 0.3520
CMYK	0.00, 0.09, 0.02, 0.34
HSL	315°, 9%, 63%
HSV	315°, 9%, 66%
XYZ	34.6575, 34.0472, 40.4572
YIQ	159.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

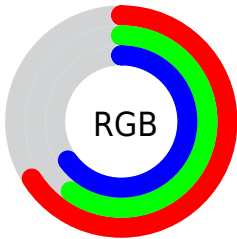
Format	Color
R_{YB}	169, 153, 165
Decimal	11114917
CIE _{Lab}	65.00, 8.07, -4.13
CIE _{LCh}	65, 9.066, 332.913
Yxy	34.0472, 0.3175, 0.3119
Android (android.graphics.Color)	4289304997 (0xFFA999A5)
YUV	159.1520, 2.8831, 8.6367
Hunter-Lab	58.3500, 3.9094, -0.2640

Details

The CIELCh color $65, 9.066, 332.913$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.028, 151.745$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.225, 332.242$, and $45, 8.997, 333.759$ is the 20% darker color. If you saturate the color by 10%, you get $61, 18.753, 333.600$, and if you desaturate by 10%, it is $70, 0.510, 152.870$.

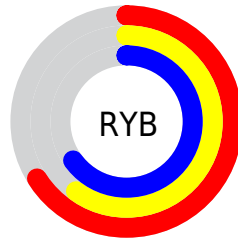
Distribution



Red (66%)

Green (60%)

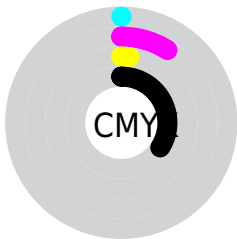
Blue (65%)



Red (66%)

Yellow (60%)

Blue (65%)

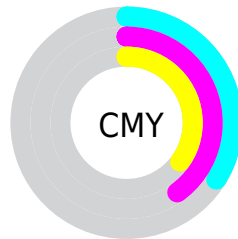


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (40%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.066, 332.913 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, 9.066, 332.913 by changing the saturation by 10% instead.

65, 9.066, 332.913

65, 9.066, 332.913

100, 9.066,
332.913

55, 9.066, 332.913

85, 9.066, 332.913

45, 9.066, 332.913

95, 9.066, 332.913

35, 9.066, 332.913

25, 9.066, 332.913

15, 9.066, 332.913

5, 9.066, 332.913

0, 9.066, 332.913

65, 9.066, 332.913

65, 9.066, 332.913

61, 18.753,

70, 0.510, 152.870

333.600

74, 9.884, 151.734

56, 28.418,
334.308

79, 19.010,
151.147

52, 37.850,
335.050

84, 27.867,
150.599

49, 46.754,
335.835

88, 36.451,
150.084

45, 54.750,
336.676

93, 44.766,
149.599

42, 61.404,
337.594

93, 43.232,
151.402

40, 66.297,
338.625

93, 41.607,
153.370

39, 69.145,
339.814

94, 40.021,
155.485

38, 70.238,
341.180

Harmonies

Complementary

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



65, 9.066, 332.913



68, 9.028, 151.745

Rectangle

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



65, 9.066, 332.913



65, 9.066, 22.913



65, 9.066, 152.913



65, 9.066, 202.913

Sweetspot

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



65, 9.064, 332.915



86, 3.537, 332.437



64, 9.078, 300.511



45, 2.678, 332.507



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, 9.064, 332.915



81, 13.035, 333.034



65, 6.594, 0.338



33, 5.400, 332.903



33, 63.782, 341.074



2, 9.309, 335.082

Inverse Universe

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



65, 9.064, 332.915



81, 13.035, 333.034



68, 6.388, 178.735



33, 5.400, 332.903



33, 63.782, 341.074



2, 9.309, 335.082

Previews

White Background



This preview shows how the CIELCh color 65, 9.066, 332.913 looks on a white background.

Color Contrast Check

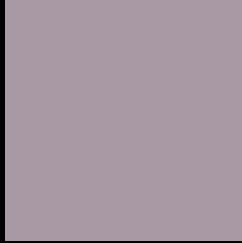
Large Text (above 18pt) WCAG AA × Fail

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, 9.066, 332.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

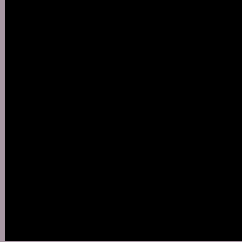
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

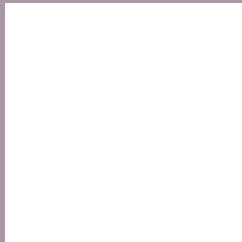
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.066, 332.913

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.066, 332.913.



This preview shows how white text looks on a background with the CIELCh color 65, 9.066, 332.913.

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, 9.066, 332.913

Protanopia

65, 5.582, 294.603

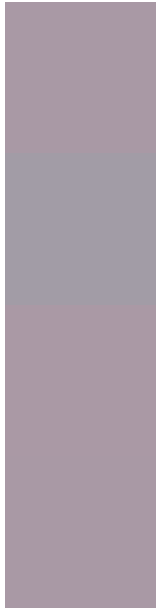
Deuteranopia

65, 9.327, 334.686



Tritanopia
65, 9.066, 332.913

Trichromacy



Original Color
65, 9.066, 332.913

Protanomaly
65, 6.032, 312.707

Deuteranomaly
65, 9.327, 334.686

Tritanomaly
65, 9.066, 332.913

Monochromacy



Original Color
65, 9.066, 332.913

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.210, 335.823

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.066, 332.913 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(169, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 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(169, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.066, 332.913 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(169, 153, 165) }
```

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

```
.border{ border-color:rgb(169, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.066, 332.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 153, 165) }
```

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

```
.background{ background-color: rgb(169,  
153, 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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