

Converting Colors

CIELCh(66, 8.416, 356.995)

Have a look what the booklet for
CIELCh(66, 8.416, 356.995) contains.

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Color

CIELCh(66, 8.416, 356.995)

Conversions

Conversions Part 1

Format	Color
Hex	AF9BA1
RGB	175, 155, 161
RGB Percent	69%, 61%, 63%
CMY	0.3121, 0.3906, 0.3671
CMYK	0.00, 0.11, 0.08, 0.31
HSL	342°, 11%, 65%
HSV	342°, 11%, 69%
XYZ	36.0266, 35.3238, 38.8228
YIQ	161.6640, 9.9940, 6.1060

Conversions

Conversions Part 2

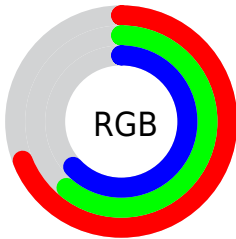
Format	Color
RYB	175, 155, 161
Decimal	11508641
CIELab	66.00, 8.40, -0.44
CIElCh	66, 8.416, 356.995
Yxy	35.3238, 0.3270, 0.3206
Android (android.graphics.Color)	4289698721 (0xFFAF9BA1)
YUV	161.6640, -0.3274, 11.6957
Hunter-Lab	59.4338, 4.1910, 2.8748

Details

The CIELCh color $66, 8.416, 356.995$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 8.147, 174.979$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.841, 355.560$, and $46, 8.271, 355.023$ is the 20% darker color. If you saturate the color by 10%, you get $61, 16.092, 358.129$, and if you desaturate by 10%, it is $71, 1.019, 355.671$.

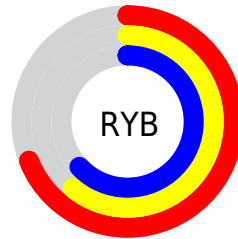
Distribution



Red (69%)

Green (61%)

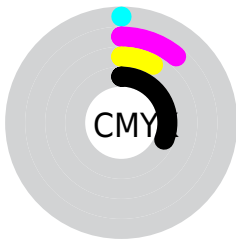
Blue (63%)



Red (69%)

Yellow (61%)

Blue (63%)

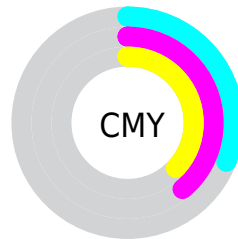


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (31%)



Cyan (31%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.416, 356.995 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 66, 8.416, 356.995 by changing the saturation by 10% instead.

66, 8.416, 356.995

66, 8.416, 356.995

100, 8.416,
356.995

56, 8.416, 356.995

86, 8.416, 356.995

46, 8.416, 356.995

96, 8.416, 356.995

36, 8.416, 356.995

26, 8.416, 356.995

16, 8.416, 356.995

6, 8.416, 356.995

0, 8.416, 356.995

66, 8.416, 356.995

66, 8.416, 356.995

61, 16.092,

71, 1.019, 355.671

358.129

76, 6.060, 175.325

57, 23.972,
359.427

81, 12.817,
174.535

52, 31.915, 0.972

86, 19.260,
173.846

48, 39.697, 2.852

91, 25.409,
173.227

44, 47.017, 5.187

41, 53.523, 8.130

95, 28.428,
176.432

39, 58.918, 11.846

95, 26.071,
189.074

38, 63.102, 16.457

37, 66.153, 20.886

95, 25.273,
197.859

Harmonies

Complementary

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



66, 8.416, 356.995



70, 8.147, 174.979

Rectangle

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



66, 8.416, 356.995



66, 8.416, 46.995



66, 8.416, 176.995



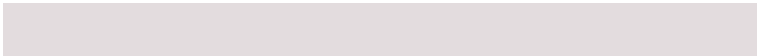
66, 8.416, 226.995

Sweetspot

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



66, 8.414, 357.002



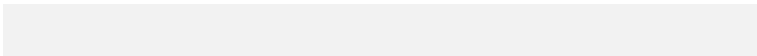
88, 2.685, 356.050



66, 12.317, 316.192



47, 2.055, 356.164



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 8.414, 357.002



82, 12.807, 357.309



67, 6.636, 39.202



34, 4.120, 356.778



31, 58.853, 20.115



2, 8.316, 359.910

Inverse Universe

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



66, 8.414, 357.002



82, 12.807, 357.309



69, 6.182, 219.891



34, 4.120, 356.778



31, 58.853, 20.115



2, 8.316, 359.910

Previews

White Background



This preview shows how the CIELCh color 66, 8.416, 356.995 looks on a white background.

Color Contrast Check

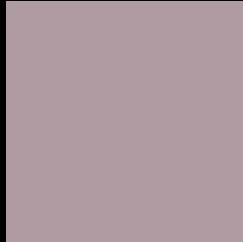
Large Text (above 18pt) WCAG AA × Fail

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 66, 8.416, 356.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

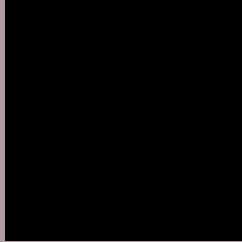
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 8.416, 356.995

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.416, 356.995.



This preview shows how white text looks on a background with the CIELCh color 66, 8.416, 356.995.

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

66, 8.416, 356.995

Protanopia

66, 2.357, 309.129

Deuteranopia

66, 8.416, 356.995



Tritanopia
66, 10.429, 340.887

Trichromacy



Original Color
66, 8.416, 356.995

Protanomaly
66, 4.434, 341.111

Deuteranomaly
66, 8.416, 356.995

Tritanomaly
66, 9.783, 345.934

Monochromacy



Original Color
66, 8.416, 356.995

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 2.907, 357.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.416, 356.995 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(175, 155, 161)` looks like.

```
.text, #text, p{  
    color:rgb(175, 155, 161)  
}
```

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(175, 155, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 155, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.416, 356.995 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(175, 155, 161) }
```

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

```
.border{ border-color:rgb(175, 155, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 155, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 155, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 155, 161);  
box-shadow:4px 4px 4px 4px rgb(175, 155,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.416, 356.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 155, 161) }
```

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

```
.background{ background-color: rgb(175,  
155, 161) }
```

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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