

Converting Colors

CIELCh(61, 7.883, 335.550)

Have a look what the booklet for
CIELCh(61, 7.883, 335.550) contains.

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Color

CIELCh(61, 8.108, 336.285)

Conversions

Conversions Part 1

Format	Color
Hex	9E8F99
RGB	158, 143, 153
RGB Percent	62%, 56%, 60%
CMY	0.3801, 0.4389, 0.3997
CMYK	0.00, 0.09, 0.03, 0.38
HSL	320°, 7%, 59%
HSV	320°, 9%, 62%
XYZ	29.7068, 29.2481, 34.2511
YIQ	148.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

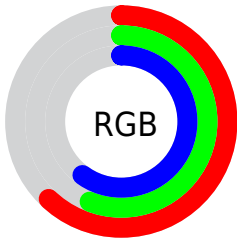
Format	Color
R_{YB}	158, 143, 153
Decimal	10391449
CIE Lab	61.00, 7.42, -3.26
CIE LCh	61, 8.108, 336.285
Yxy	29.2481, 0.3187, 0.3138
Android (android.graphics.Color)	4288581529 (0xFF9E8F99)
YUV	148.6250, 2.1569, 8.2219
Hunter-Lab	54.0815, 3.4068, 0.3074

Details

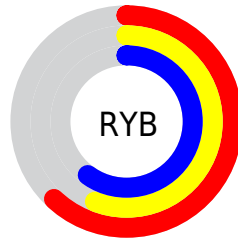
The CIELCh color $61, 8.108, 336.285$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.058, 155.033$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 7.930, 337.988$, and $41, 8.002, 337.564$ is the 20% darker color. If you saturate the color by 10%, you get $57, 16.760, 337.041$, and if you desaturate by 10%, it is $65, 0.426, 156.325$.

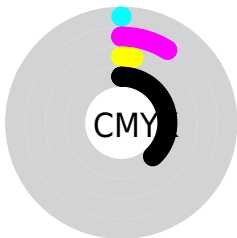
Distribution



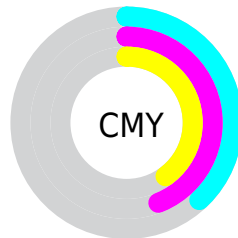
- Red (62%)
- Green (56%)
- Blue (60%)



- Red (62%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 8.108, 336.285 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 61, 8.108, 336.285 by changing the saturation by 10% instead.

61, 8.108, 336.285

61, 8.108, 336.285

100, 8.108,
336.285

51, 8.108, 336.285

81, 8.108, 336.285

41, 8.108, 336.285

91, 8.108, 336.285

31, 8.108, 336.285

21, 8.108, 336.285

11, 8.108, 336.285

1, 8.108, 336.285

0, 8.108, 336.285

61, 8.108, 336.285

61, 8.108, 336.285

57, 16.760,

65, 0.426, 156.325

337.041

70, 8.765, 155.025

53, 25.417,
337.836

74, 16.872,
154.404

49, 33.892,
338.694

79, 24.731,
153.830

45, 41.924,
339.634

83, 32.342,
153.293

42, 49.169,
340.683

88, 39.711,
152.789

39, 55.223,
341.885

92, 46.850,
152.315

37, 59.692,
343.298

93, 45.567,
154.368

36, 62.300,
345.004

93, 43.615,
156.823

35, 63.364,
347.012

Harmonies

Complementary

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



61, 8.108, 336.285



64, 8.058, 155.033

Rectangle

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



61, 8.108, 336.285



61, 8.108, 26.285



61, 8.108, 156.285



61, 8.108, 206.285

Sweetspot

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



61, 8.106, 336.287



81, 3.172, 335.764



60, 8.710, 303.563



43, 2.424, 335.840



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 8.106, 336.287



77, 11.700, 336.416



61, 6.071, 6.603



31, 4.830, 336.269



31, 58.969, 346.895



1, 6.117, 337.158

Inverse Universe

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



61, 8.106, 336.287



77, 11.700, 336.416



64, 5.831, 185.101



31, 4.830, 336.269



31, 58.969, 346.895



1, 6.117, 337.158

Previews

White Background



This preview shows how the CIELCh color 61, 8.108, 336.285 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 8.108, 336.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

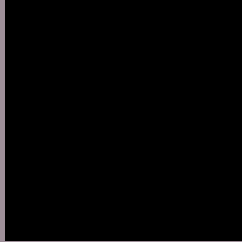
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 8.108, 336.285

Background



This preview shows how black text looks on a background with the CIELCh color 61, 8.108, 336.285.



This preview shows how white text looks on a background with the CIELCh color 61, 8.108, 336.285.

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


61, 8.108, 336.285

Protanopia

61, 5.141, 299.222

Deuteranopia

61, 8.390, 338.176



Tritanopia
61, 8.503, 333.554

Trichromacy



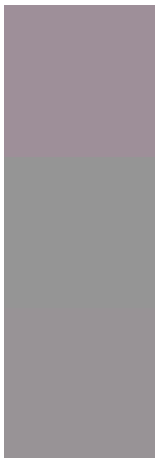
Original Color
61, 8.108, 336.285

Protanomaly
61, 5.765, 318.360

Deuteranomaly
61, 8.390, 338.176

Tritanomaly
61, 8.503, 333.554

Monochromacy



Original Color
61, 8.108, 336.285

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 2.582, 338.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 8.108, 336.285 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(158, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(158, 143, 153)  
}
```

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(158, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 143, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 8.108, 336.285 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(158, 143, 153) }
```

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

```
.border{ border-color:rgb(158, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 143,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 8.108, 336.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 143, 153) }
```

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

```
.background{ background-color: rgb(158,  
143, 153) }
```

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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