

Converting Colors

CIELCh(61, 6.741, 358.156)

Have a look what the booklet for
CIELCh(61, 6.741, 358.156) contains.

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Color

CIELCh(61, 6.877, 355.979)

Conversions

Conversions Part 1

Format	Color
Hex	9F8F94
RGB	159, 143, 148
RGB Percent	62%, 56%, 58%
CMY	0.3756, 0.4384, 0.4188
CMYK	0.00, 0.10, 0.07, 0.38
HSL	341°, 8%, 59%
HSV	341°, 10%, 62%
XYZ	29.5591, 29.2481, 32.1945
YIQ	148.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

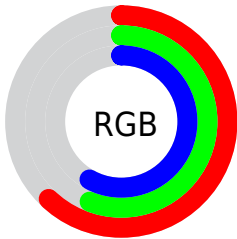
Format	Color
R_{YB}	159, 143, 148
Decimal	10456980
CIE Lab	61.00, 6.86, -0.48
CIE LCh	61, 6.877, 355.979
Yxy	29.2481, 0.3248, 0.3214
Android (android.graphics.Color)	4288647060 (0xFF9F8F94)
YUV	148.3540, -0.1745, 9.3365
Hunter-Lab	54.0815, 2.9193, 2.5620

Details

The CIELCh color $61, 6.877, 355.979$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.691, 174.260$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 6.824, 357.045$, and $41, 6.811, 359.550$ is the 20% darker color. If you saturate the color by 10%, you get $57, 13.970, 357.081$, and if you desaturate by 10%, it is $66, 0.039, 344.683$.

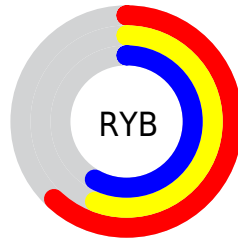
Distribution



Red (62%)

Green (56%)

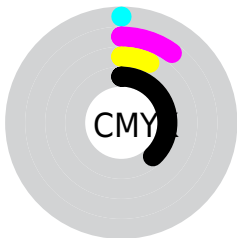
Blue (58%)



Red (62%)

Yellow (56%)

Blue (58%)

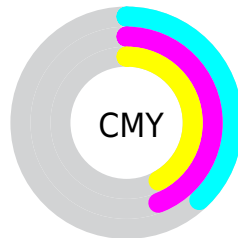


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.877, 355.979 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, 6.877, 355.979 by changing the saturation by 10% instead.

■ 61, 6.877, 355.979

■ 61, 6.877, 355.979

■ 100, 6.877,
355.979

■ 51, 6.877, 355.979

■ 81, 6.877, 355.979

■ 41, 6.877, 355.979

■ 91, 6.877, 355.979

■ 31, 6.877, 355.979

■ 21, 6.877, 355.979

■ 11, 6.877, 355.979

■ 1, 6.877, 355.979

■ 0, 6.877, 355.979

■ 61, 6.877, 355.979

■ 61, 6.877, 355.979

■ 57, 13.970,

■ 66, 0.039, 344.683

357.081

70, 6.513, 174.353

52, 21.255,
358.329

75, 12.772,
173.586

48, 28.609,
359.802

79, 18.749,
172.910

44, 35.838, 1.581

84, 24.461,
172.299

41, 42.673, 3.777

89, 29.928,
171.742

38, 48.794, 6.532

36, 53.905, 10.009

94, 35.172,
171.229

34, 57.865, 14.350

94, 32.558,
179.598

33, 61.107, 19.278

94, 30.524,
189.454

Harmonies

Complementary

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



61, 6.877, 355.979



64, 6.691, 174.260

Rectangle

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



61, 6.877, 355.979



61, 6.877, 45.979



61, 6.877, 175.979



61, 6.877, 225.979

Sweetspot

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



61, 6.875, 355.987



81, 2.504, 355.189



61, 9.972, 315.599



43, 1.916, 355.300



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, 6.875, 355.987



76, 10.190, 356.217



62, 5.426, 37.372



31, 3.840, 355.902



29, 56.281, 18.697



1, 4.894, 356.215

Inverse Universe

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



61, 6.875, 355.987



76, 10.190, 356.217



64, 5.099, 217.856



31, 3.840, 355.902



29, 56.281, 18.697



1, 4.894, 356.215

Previews

White Background



This preview shows how the CIELCh color 61, 6.877, 355.979 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 CIELCh color 61, 6.877, 355.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

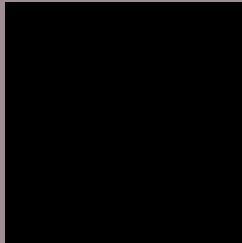
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

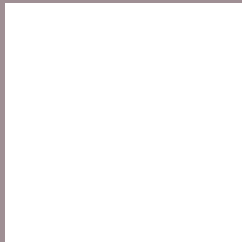
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 6.877, 355.979

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.877, 355.979.



This preview shows how white text looks on a background with the CIELCh color 61, 6.877, 355.979.

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, 6.877, 355.979

Protanopia

61, 2.550, 317.343

Deuteranopia

61, 7.607, 358.522



Tritanopia
61, 9.720, 336.417

Trichromacy



Original Color
61, 6.877, 355.979

Protanomaly
61, 3.854, 343.983

Deuteranomaly
61, 7.240, 357.311

Tritanomaly
61, 8.992, 341.617

Monochromacy



Original Color
61, 6.877, 355.979

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 2.597, 353.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 6.877, 355.979 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(159, 143, 148)` looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 148)  
}
```

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(159, 143, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.877, 355.979 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(159, 143, 148) }
```

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

```
.border{ border-color:rgb(159, 143, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 148);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.877, 355.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 148) }
```

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

```
.background{ background-color: rgb(159,  
143, 148) }
```

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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