

Converting Colors

CIELCh(61, 8.586, 307.413)

Have a look what the booklet for
CIELCh(61, 8.586, 307.413) contains.

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Color

CIELCh(61, 8.240, 306.942)

Conversions

Conversions Part 1

Format	Color
Hex	97919F
RGB	151, 145, 159
RGB Percent	59%, 57%, 62%
CMY	0.4086, 0.4321, 0.3772
CMYK	0.05, 0.09, 0.00, 0.38
HSL	266°, 7%, 60%
HSV	266°, 9%, 62%
XYZ	29.0625, 29.2481, 36.8246
YIQ	148.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

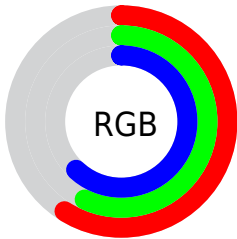
Format	Color
R _Y B	151, 145, 159
Decimal	9933215
CIE Lab	61.00, 4.95, -6.59
CIE LCh	61, 8.240, 306.942
Yxy	29.2481, 0.3055, 0.3074
Android (android.graphics.Color)	4288123295 (0xFF97919F)
YUV	148.3900, 5.2307, 2.2890
Hunter-Lab	54.0815, 1.2803, -2.5141

Details

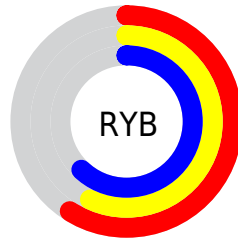
The CIELCh color $61, 8.240, 306.942$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.119, 126.133$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 8.292, 305.840$, and $41, 8.178, 305.528$ is the 20% darker color. If you saturate the color by 10%, you get $56, 17.851, 307.467$, and if you desaturate by 10%, it is $66, 1.083, 126.551$.

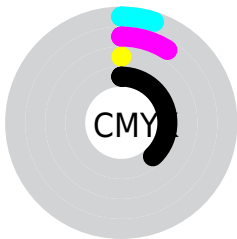
Distribution



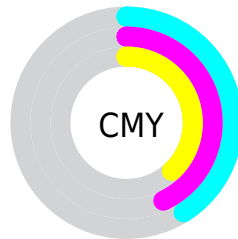
- Red (59%)
- Green (57%)
- Blue (62%)



- Red (59%)
- Yellow (57%)
- Blue (62%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (41%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 8.240, 306.942 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, 8.240, 306.942 by changing the saturation by 10% instead.

61, 8.240, 306.942

61, 8.240, 306.942

100, 8.240,
306.942

51, 8.240, 306.942

81, 8.240, 306.942

41, 8.240, 306.942

91, 8.240, 306.942

31, 8.240, 306.942

21, 8.240, 306.942

11, 8.240, 306.942

1, 8.240, 306.942

0, 8.240, 306.942

61, 8.240, 306.942

61, 8.240, 306.942

56, 17.851,

66, 1.083, 126.551

307.467

71, 10.110,
126.069

51, 27.735,
308.041

76, 18.848,
125.697

46, 37.833,
308.654

81, 27.308,
125.374

41, 48.037,
309.284

86, 35.505,
125.094

37, 58.137,
309.894

91, 43.451,
124.852

32, 67.781,
310.420

95, 50.628,
124.437

29, 76.416,
310.767

96, 49.603,
120.749

25, 83.314,
310.811

97, 48.801,
116.847

23, 88.223,
310.541

Harmonies

Complementary

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



61, 8.240, 306.942



65, 8.119, 126.133

Rectangle

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



61, 8.240, 306.942



61, 8.240, 356.942



61, 8.240, 126.942



61, 8.240, 176.942

Sweetspot

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



61, 8.238, 306.939



81, 3.449, 306.643



63, 4.422, 246.969



43, 2.637, 306.686



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, 8.238, 306.939



76, 12.784, 307.061



62, 9.304, 322.585



31, 5.270, 306.961



20, 82.074, 310.621



1, 6.778, 305.731

Inverse Universe

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



62, 7.061, 340.612



77, 10.944, 340.813



64, 9.276, 141.750



31, 4.516, 340.649



30, 56.284, 354.620



1, 5.733, 341.448

Previews

White Background



This preview shows how the CIELCh color 61, 8.240, 306.942 looks on a white background.

Color Contrast Check

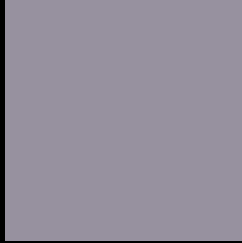
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.240, 306.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

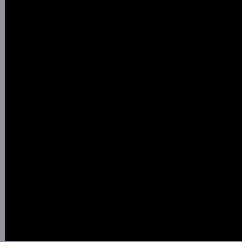
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 8.240, 306.942

Background



This preview shows how black text looks on a background with the CIELCh color 61, 8.240, 306.942.

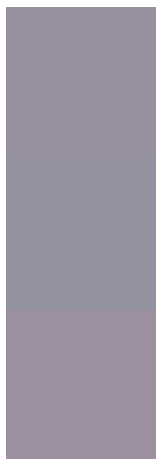


This preview shows how white text looks on a background with the CIELCh color 61, 8.240, 306.942.

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, 8.240, 306.942

Protanopia

61, 7.890, 291.061

Deuteranopia

61, 10.326, 319.606



Tritanopia
61, 7.052, 306.460

Trichromacy



Original Color
61, 8.240, 306.942

Protanomaly
61, 7.936, 296.457

Deuteranomaly
61, 9.305, 315.037

Tritanomaly
61, 7.595, 305.345

Monochromacy



Original Color
61, 8.240, 306.942

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.931, 305.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 8.240, 306.942 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(151, 145, 159)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 159)  
}
```

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(151, 145, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 8.240, 306.942 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(151, 145, 159) }
```

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

```
.border{ border-color:rgb(151, 145, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 159);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 8.240, 306.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 159) }
```

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

```
.background{ background-color: rgb(151,  
145, 159) }
```

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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