

Converting Colors

CIELCh(62, 9.136, 290.509)

Have a look what the booklet for
CIELCh(62, 9.136, 290.509) contains.

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Color

CIELCh(62, 8.984, 288.816)

Conversions

Conversions Part 1

Format	Color
Hex	9495A5
RGB	148, 149, 165
RGB Percent	58%, 58%, 65%
CMY	0.4205, 0.4166, 0.3539
CMYK	0.10, 0.10, 0.00, 0.35
HSL	236°, 9%, 61%
HSV	236°, 10%, 65%
XYZ	29.6503, 30.4025, 39.7884
YIQ	150.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

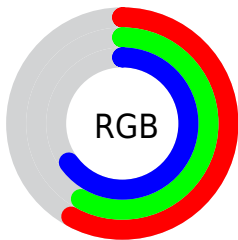
Format	Color
RYB	148, 149, 165
Decimal	9737637
CIELab	62.00, 2.90, -8.50
CIELCh	62, 8.984, 288.816
Yxy	30.4025, 0.2970, 0.3045
Android (android.graphics.Color)	4287927717 (0xFF9495A5)
YUV	150.5250, 7.1362, -2.2144
Hunter-Lab	55.1385, -0.5054, -4.1872

Details

The CIELCh color $62, 8.984, 288.816$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.798, 106.682$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.017, 288.739$, and $42, 9.076, 289.051$ is the 20% darker color. If you saturate the color by 10%, you get $56, 18.021, 290.052$, and if you desaturate by 10%, it is $67, 0.277, 288.015$.

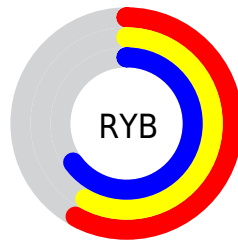
Distribution



Red (58%)

Green (58%)

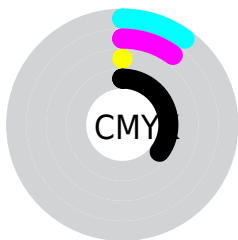
Blue (65%)



Red (58%)

Yellow (58%)

Blue (65%)

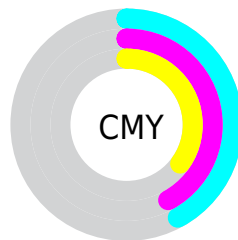


Cyan (10%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 8.984, 288.816 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 62, 8.984, 288.816 by changing the saturation by 10% instead.

■ 62, 8.984, 288.816

■ 62, 8.984, 288.816

■ 100, 8.984,
288.816

■ 52, 8.984, 288.816

■ 82, 8.984, 288.816

■ 42, 8.984, 288.816

■ 92, 8.984, 288.816

■ 32, 8.984, 288.816

■ 22, 8.984, 288.816

■ 12, 8.984, 288.816

■ 2, 8.984, 288.816

■ 0, 8.984, 288.816

■ 62, 8.984, 288.816

■ 62, 8.984, 288.816

■ 56, 18.021,

■ 67, 0.277, 288.015

290.052

73, 8.121, 106.822

51, 27.419,
291.511

78, 16.233,
106.047

45, 37.203,
293.214

84, 24.078,
105.377

40, 47.381,
295.176

89, 31.673,
104.795

35, 57.900,
297.379

94, 39.034,
104.288

30, 68.556,
299.742

98, 45.071,
106.733

25, 78.822,
302.088

22, 87.677,
304.133

20, 93.707,
305.475

Harmonies

Complementary

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



62, 8.984, 288.816



67, 8.798, 106.682

Rectangle

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



62, 8.984, 288.816



62, 8.984, 338.816



62, 8.984, 108.816



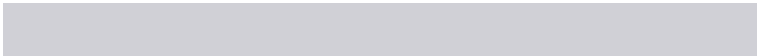
62, 8.984, 158.816

Sweetspot

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



62, 8.983, 288.811



84, 3.199, 288.043



66, 6.344, 193.234



44, 2.423, 288.118



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 8.983, 288.811



78, 12.983, 289.032



62, 9.968, 307.189



32, 4.879, 288.691



17, 85.077, 305.345



1, 7.524, 287.955

Inverse Universe

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



63, 6.706, 15.224



79, 9.724, 15.398



67, 9.806, 126.237



32, 3.636, 15.128



30, 66.033, 36.871



1, 5.486, 14.967

Previews

White Background



This preview shows how the CIELCh color 62, 8.984, 288.816 looks on a white background.

Color Contrast Check

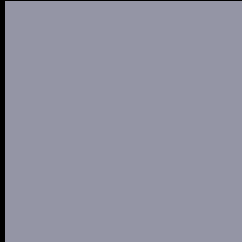
Large Text (above 18pt) WCAG AA × Fail

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 62, 8.984, 288.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

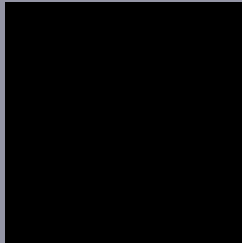
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

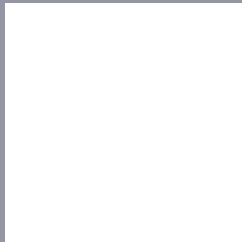
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 8.984, 288.816

Background



This preview shows how black text looks on a background with the CIELCh color 62, 8.984, 288.816.



This preview shows how white text looks on a background with the CIELCh color 62, 8.984, 288.816.

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


62, 8.984, 288.816

Protanopia

62, 8.984, 288.816

Deuteranopia

62, 11.493, 312.248



Tritanopia

62, 6.768, 284.614

Trichromacy



Original Color
62, 8.984, 288.816

Protanomaly
62, 8.984, 288.816

Deuteranomaly
62, 10.484, 305.645

Tritanomaly
62, 7.326, 285.173

Monochromacy



Original Color
62, 8.984, 288.816

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 2.829, 282.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 8.984, 288.816 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(148, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 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(148, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 8.984, 288.816 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(148, 149, 165) }
```

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

```
.border{ border-color:rgb(148, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 8.984, 288.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 149, 165) }
```

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

```
.background{ background-color: rgb(148,  
149, 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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