

Converting Colors

CIELCh(62, 4.709, 272.123)

Have a look what the booklet for
CIELCh(62, 4.709, 272.123) contains.

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Color

CIELCh(62, 4.709, 272.123)

Conversions

Conversions Part 1

Format	Color
Hex	92969E
RGB	146, 150, 158
RGB Percent	57%, 59%, 62%
CMY	0.4274, 0.4117, 0.3803
CMYK	0.08, 0.05, 0.00, 0.38
HSL	220°, 6%, 60%
HSV	220°, 8%, 62%
XYZ	28.9417, 30.4025, 36.7012
YIQ	149.7160, -4.9520, 1.6400

Conversions

Conversions Part 2

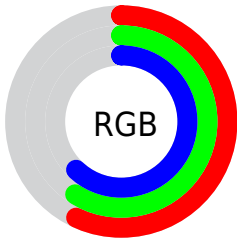
Format	Color
R_{YB}	146, 149, 158
Decimal	9606814
CIE Lab	62.00, 0.17, -4.71
CIE LCh	62, 4.709, 272.123
Yxy	30.4025, 0.3013, 0.3165
Android (android.graphics.Color)	4287796894 (0xFF92969E)
YUV	149.7160, 4.0840, -3.2589
Hunter-Lab	55.1385, -2.7993, -0.8676

Details

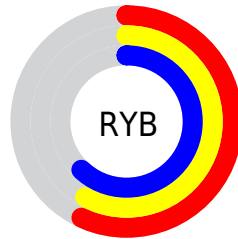
The CIELCh color $62, 4.709, 272.123$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.703, 90.149$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 4.958, 273.933$, and $42, 4.960, 276.920$ is the 20% darker color. If you saturate the color by 10%, you get $58, 10.983, 273.520$, and if you desaturate by 10%, it is $66, 1.470, 90.688$.

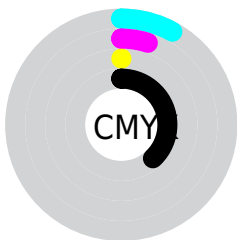
Distribution



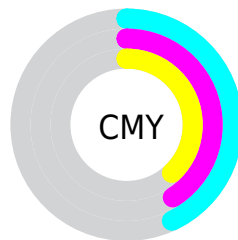
- Red (57%)
- Green (59%)
- Blue (62%)



- Red (57%)
- Yellow (58%)
- Blue (62%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 4.709, 272.123 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, 4.709, 272.123 by changing the saturation by 10% instead.

■ 62, 4.709, 272.123

■ 62, 4.709, 272.123

■ 100, 4.709,
272.123

■ 52, 4.709, 272.123

■ 82, 4.709, 272.123

■ 42, 4.709, 272.123

■ 92, 4.709, 272.123

■ 32, 4.709, 272.123

■ 22, 4.709, 272.123

■ 12, 4.709, 272.123

■ 2, 4.709, 272.123

■ 0, 4.709, 272.123

■ 62, 4.709, 272.123

■ 62, 4.709, 272.123

■ 58, 10.983,

■ 66, 1.470, 90.688

273.520

70, 7.551, 89.726

54, 17.357,
275.186

74, 13.534, 88.803

50, 23.835,
277.135

78, 19.417, 87.986

46, 30.430,
279.405

82, 25.199, 87.263

42, 37.164,
282.029

86, 30.881, 86.620

38, 44.065,
285.015

90, 36.210, 87.020

93, 39.736, 94.980

34, 51.156,
288.325

96, 43.884,
101.441

31, 58.422,
291.856

27, 65.766,
295.377

Harmonies

Complementary

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



62, 4.709, 272.123



64, 4.703, 90.149

Rectangle

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



62, 4.709, 272.123



62, 4.709, 322.123



62, 4.709, 92.123



62, 4.709, 142.123

Sweetspot

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



62, 4.708, 272.108



82, 1.542, 271.515



64, 5.149, 171.991



44, 0.884, 271.510



92, 0.011, 296.813



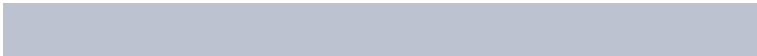
44, 0.006, 296.813

Same Dimension

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



62, 4.708, 272.108



78, 6.946, 272.313



61, 6.807, 296.632



31, 3.510, 272.323



24, 62.132, 295.816



1, 4.649, 272.463

Inverse Universe

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



62, 5.197, 354.296



78, 7.683, 354.461



65, 6.689, 115.510



31, 3.883, 354.468



29, 55.843, 16.753



1, 4.949, 354.834

Previews

White Background



This preview shows how the CIELCh color 62, 4.709, 272.123 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, 4.709, 272.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

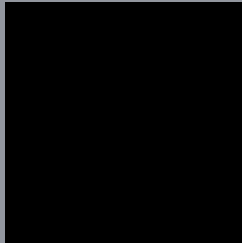
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

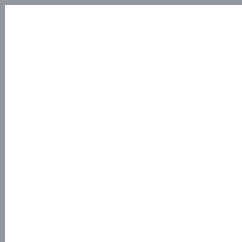
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 4.709, 272.123

Background



This preview shows how black text looks on a background with the CIELCh color 62, 4.709, 272.123.



This preview shows how white text looks on a background with the CIELCh color 62, 4.709, 272.123.

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, 4.709, 272.123

Protanopia

62, 4.516, 295.482

Deuteranopia

62, 9.767, 326.780



Tritanopia
62, 6.768, 284.614

Trichromacy



Original Color

62, 4.709, 272.123

Protanomaly

62, 4.495, 290.684

Deuteranomaly

62, 7.429, 314.955

Tritanomaly

62, 6.211, 283.966

Monochromacy



Original Color

62, 4.709, 272.123

Achromatopsia

62, 0.008, 296.813

Achromatomaly

62, 1.725, 277.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 4.709, 272.123 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(146, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 158)  
}
```

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(146, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 4.709, 272.123 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(146, 150, 158) }
```

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

```
.border{ border-color:rgb(146, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 4.709, 272.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 158) }
```

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

```
.background{ background-color: rgb(146,  
150, 158) }
```

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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