

Converting Colors

CIELCh(62, 5.300, 275.125)

Have a look what the booklet for
CIELCh(62, 5.300, 275.125) contains.

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Color

CIELCh(62, 5.242, 274.175)

Conversions

Conversions Part 1

Format	Color
Hex	92969F
RGB	146, 150, 159
RGB Percent	57%, 59%, 62%
CMY	0.4277, 0.4120, 0.3767
CMYK	0.08, 0.06, 0.00, 0.38
HSL	222°, 6%, 60%
HSV	222°, 8%, 62%
XYZ	28.9952, 30.4025, 37.1159
YIQ	149.8300, -5.2730, 1.9510

Conversions

Conversions Part 2

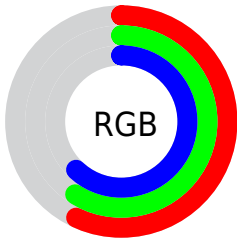
Format	Color
R_{YB}	146, 149, 159
Decimal	9606815
CIE Lab	62.00, 0.38, -5.23
CIE LCh	62, 5.242, 274.175
Yxy	30.4025, 0.3004, 0.3150
Android (android.graphics.Color)	4287796895 (0xFF92969F)
YUV	149.8300, 4.5208, -3.3589
Hunter-Lab	55.1385, -2.6261, -1.3135

Details

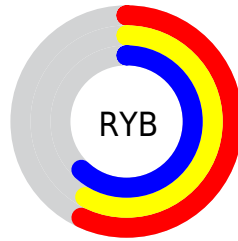
The CIELCh color $62, 5.242, 274.175$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 5.226, 92.094$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 5.466, 275.599$, and $42, 5.636, 274.629$ is the 20% darker color. If you saturate the color by 10%, you get $58, 11.748, 275.571$, and if you desaturate by 10%, it is $66, 1.147, 92.729$.

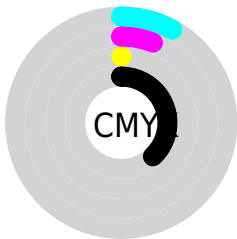
Distribution



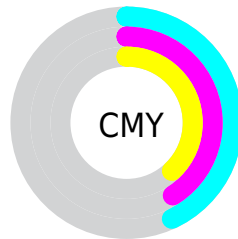
- Red (57%)
- Green (59%)
- Blue (62%)



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



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 5.242, 274.175 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, 5.242, 274.175 by changing the saturation by 10% instead.

■ 62, 5.242, 274.175

■ 62, 5.242, 274.175

■ 100, 5.242,
274.175

■ 52, 5.242, 274.175

■ 82, 5.242, 274.175

■ 42, 5.242, 274.175

■ 92, 5.242, 274.175

■ 32, 5.242, 274.175

■ 22, 5.242, 274.175

■ 12, 5.242, 274.175

■ 2, 5.242, 274.175

■ 0, 5.242, 274.175

■ 62, 5.242, 274.175

■ 62, 5.242, 274.175

■ 58, 11.748,

■ 66, 1.147, 92.729

275.571

70, 7.419, 91.800

54, 18.379,
277.230

75, 13.575, 90.881

49, 25.144,
279.168

79, 19.616, 90.068

45, 32.057,
281.422

83, 25.544, 89.350

41, 39.144,
284.021

87, 31.358, 88.711

37, 46.429,
286.967

91, 36.758, 89.450

94, 40.674, 97.334

33, 53.924,
290.213

97, 45.198,
103.630

30, 61.579,
293.643

26, 69.232,
297.003

Harmonies

Complementary

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



62, 5.242, 274.175



64, 5.226, 92.094

Rectangle

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



62, 5.242, 274.175



62, 5.242, 324.175



62, 5.242, 94.175



62, 5.242, 144.175

Sweetspot

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



62, 5.241, 274.162



82, 1.584, 273.492



64, 5.457, 174.154



44, 0.908, 273.487



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, 5.241, 274.162



78, 7.945, 274.425



61, 7.393, 297.932



31, 3.610, 274.300



23, 64.666, 297.224



1, 4.771, 274.291

Inverse Universe

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



62, 5.554, 356.098



77, 8.439, 356.310



65, 7.260, 116.795



31, 3.831, 356.211



29, 56.383, 19.105



1, 4.883, 356.512

Previews

White Background



This preview shows how the CIELCh color 62, 5.242, 274.175 looks on a white background.

Color Contrast Check

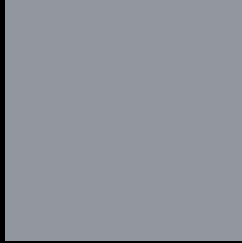
Large Text (above 18pt) WCAG AA × Fail

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, 5.242, 274.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

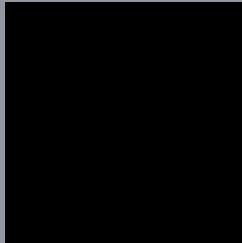
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

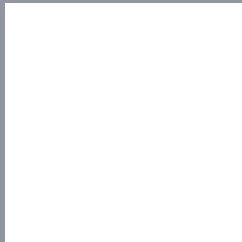
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 5.242, 274.175

Background



This preview shows how black text looks on a background with the CIELCh color 62, 5.242, 274.175.



This preview shows how white text looks on a background with the CIELCh color 62, 5.242, 274.175.

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

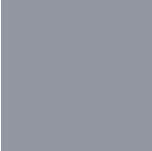
62, 5.242, 274.175

Protanopia

62, 5.076, 295.001

Deuteranopia

62, 10.221, 324.923



Tritanopia
62, 6.322, 277.265

Trichromacy



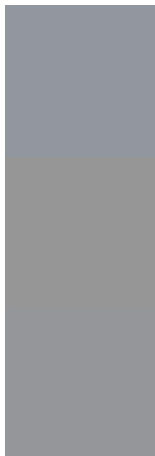
Original Color
62, 5.242, 274.175

Protanomaly
62, 5.056, 290.744

Deuteranomaly
62, 7.943, 313.308

Tritanomaly
62, 5.780, 275.859

Monochromacy



Original Color
62, 5.242, 274.175

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, 5.242, 274.175 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 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(146, 150, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 5.242, 274.175 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, 159) }
```

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

```
.border{ border-color:rgb(146, 150, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 159);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 5.242, 274.175 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, 159) }
```

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

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