Converting Colors

CIELCh(62, 32.941, 290.839)

Have a look what the booklet for CIELCh(62, 32.941, 290.839) contains.

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Color

CIELCh(62, 32.565, 290.250)

Conversions

Conversions Part 1

Format	Color
Hex	8C92CC
RGB	140, 146, 204
RGB Percent	55%, 57%, 80%
CMY	0.4518, 0.4282, 0.2008
CMYK	0.31, 0.28, 0.00, 0.20
HSL	234°, 38%, 67%
HSV	234°, 31%, 80%
XYZ	31.9015, 30.4025, 61.1784
YIQ	150.8180, -22.1940, 16.7660

Conversions

Conversions Part 2

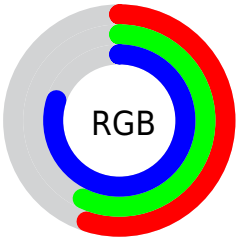
Format	Color
RYB	140, 145, 204
Decimal	9212620
CIELab	62.00, 11.27, -30.55
CIELCh	62, 32.565, 290.250
Yxy	30.4025, 0.2583, 0.2462
Android (android.graphics.Color)	4287402700 (0xFF8C92CC)
YUV	150.8180, 26.2187, -9.4874
Hunter-Lab	55.1385, 6.7824, -27.1877

Details

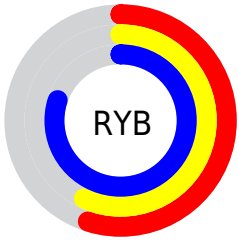
The CIELCh color 62, 32.565, 290.250 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 79, 30.638, 102.791, and the grayscale version is 62, 0.008, 296.813.

A 20% lighter version of the original color is 82, 29.194, 289.530, and 42, 32.603, 290.263 is the 20% darker color. If you saturate the color by 10%, you get 56, 43.785, 292.061, and if you desaturate by 10%, it is 68, 21.778, 288.699.

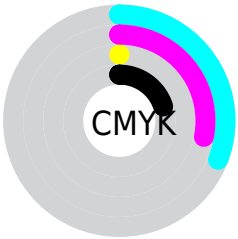
Distribution



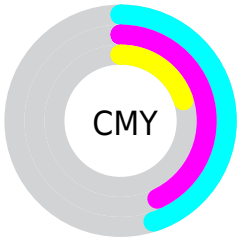
- Red (55%)
- Green (57%)
- Blue (80%)



- Red (55%)
- Yellow (57%)
- Blue (80%)



- Cyan (31%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 32.565, 290.250 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, 32.565, 290.250 by changing the saturation by 10% instead.

62, 32.565, 290.250

100, 32.565, 290.250

82, 32.565, 290.250

92, 32.565, 290.250

62, 32.565, 290.250

52, 32.565, 290.250

42, 32.565, 290.250

32, 32.565, 290.250

22, 32.565, 290.250

12, 32.565, 290.250

2, 32.565, 290.250

0, 32.565, 290.250

62, 32.565, 290.250

56, 43.785, 292.061

49, 55.455, 294.150

43, 67.525, 296.500

38, 79.779, 299.027

33, 91.639, 301.545

29, 101.973, 303.768

26, 108.529, 305.164

62, 32.565, 290.250

68, 21.778, 288.699

75, 11.395, 287.381

81, 1.384, 286.320

87, 8.284, 105.268

94, 17.632, 104.447

99, 25.842, 108.217

Harmonies

Complementary

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

62, 32.565, 290.250

79, 30.638, 102.791

Rectangle

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

62, 32.565, 290.250

62, 32.565, 340.250

62, 32.565, 110.250

62, 32.565, 160.250

Sweetspot

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

62, 32.564, 290.250

93, 10.749, 287.110

78, 21.920, 188.729

49, 7.488, 287.284

0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

62, 32.564, 290.250

71, 47.932, 291.507

63, 37.057, 307.285

40, 5.655, 287.143

20, 92.332, 304.935

2, 21.993, 290.071

Inverse Universe

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

65, 26.066, 14.898

75, 38.584, 16.003

79, 35.104, 123.914

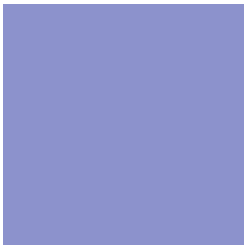
40, 4.395, 12.350

34, 71.784, 35.786

4, 17.988, 14.789

Previews

White Background

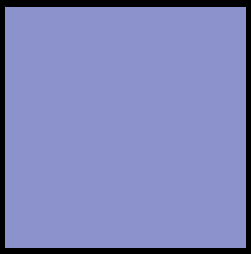


This preview shows how the CIELCh color 62, 32.565, 290.250 looks on a white background.

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



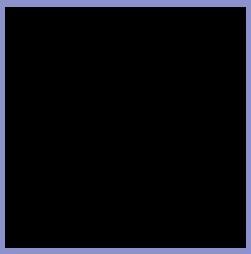
This preview shows how the CIELCh color 62, 32.565, 290.250 looks on a black background.

Color Contrast Check

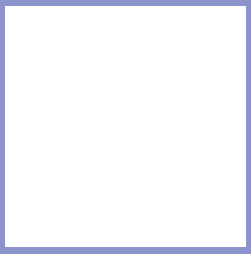
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 62, 32.565, 290.250 Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.565, 290.250.

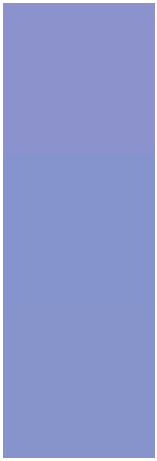


This preview shows how white text looks on a background with the CIELCh color 62, 32.565, 290.250.

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



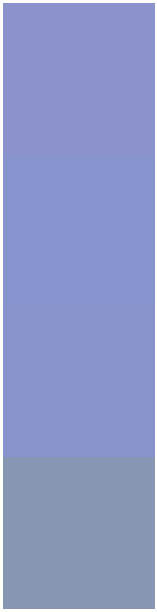
Original Color
62, 32.565, 290.250

Protanopia
62, 32.155, 285.101

Deuteranopia
62, 31.022, 285.192

Tritanopia
62, 9.952, 241.685

Trichromacy



Original Color
62, 32.565, 290.250

Protanomaly
62, 32.647, 286.951

Deuteranomaly
62, 31.517, 287.120

Tritanomaly
62, 16.930, 274.115

Monochromacy

Original Color
62, 32.565, 290.250

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 11.796, 287.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.565, 290.250 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(140, 146, 204) looks like.

```
.text, #text, p{
    color:rgb(140, 146, 204)
}
```

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(140, 146, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 146, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.565, 290.250 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(140, 146, 204) }
```

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

```
.border{ border-color:rgb(140, 146, 204) }
```

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

Here you see how a box with a 4 pixel rgb(140, 146, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 146, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 146, 204); box-shadow:4px 4px 4px 4px rgb(140, 146, 204) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.565, 290.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(140, 146, 204) }
```

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

```
.background{ background-color:rgb(140,
146, 204) }
```

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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