

Converting Colors

CIELCh(62, 8.703, 282.265)

Have a look what the booklet for
CIELCh(62, 8.703, 282.265) contains.

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Color

CIELCh(62, 9.031, 284.160)

Conversions

Conversions Part 1

Format	Color
Hex	9295A5
RGB	146, 149, 165
RGB Percent	57%, 58%, 65%
CMY	0.4267, 0.4150, 0.3522
CMYK	0.12, 0.10, 0.00, 0.35
HSL	231°, 10%, 61%
HSV	231°, 12%, 65%
XYZ	29.4701, 30.4025, 39.9997
YIQ	149.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

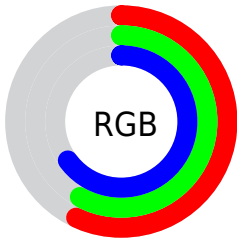
Format	Color
R_{YB}	146, 149, 165
Decimal	9606565
CIE _{Lab}	62.00, 2.21, -8.76
CIE _{LCh}	62, 9.031, 284.160
Yxy	30.4025, 0.2951, 0.3044
Android (android.graphics.Color)	4287796645 (0xFF9295A5)
YUV	149.9270, 7.4310, -3.4440
Hunter-Lab	55.1385, -1.0887, -4.4145

Details

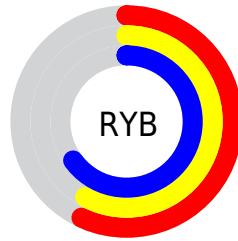
The CIELCh color $62, 9.031, 284.160$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 8.883, 101.564$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.059, 284.308$, and $42, 9.127, 284.184$ is the 20% darker color. If you saturate the color by 10%, you get $57, 17.145, 285.509$, and if you desaturate by 10%, it is $67, 1.170, 283.074$.

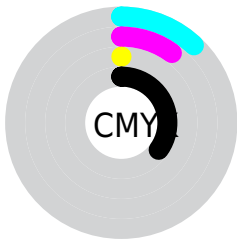
Distribution



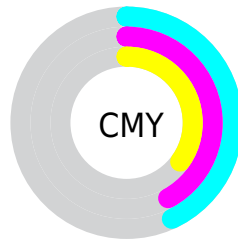
- Red (57%)
- Green (58%)
- Blue (65%)



- Red (57%)
- Yellow (58%)
- Blue (65%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (43%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.031, 284.160 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, 9.031, 284.160 by changing the saturation by 10% instead.

■ 62, 9.031, 284.160

■ 62, 9.031, 284.160

■ 100, 9.031,
284.160

■ 52, 9.031, 284.160

■ 82, 9.031, 284.160

■ 42, 9.031, 284.160

■ 92, 9.031, 284.160

■ 32, 9.031, 284.160

■ 22, 9.031, 284.160

■ 12, 9.031, 284.160

■ 2, 9.031, 284.160

■ 0, 9.031, 284.160

■ 62, 9.031, 284.160

■ 62, 9.031, 284.160

■ 57, 17.145,

■ 67, 1.170, 283.074

285.509

72, 6.453, 101.953

52, 25.537,
287.095

77, 13.853,
101.094

47, 34.231,
288.945

82, 21.043,
100.342

42, 43.250,
291.082

87, 28.034, 99.684

37, 52.593,
293.507

92, 34.834, 99.104

32, 62.192,
296.170

96, 41.127,
102.318

28, 71.810,
298.942

98, 44.866,
106.749

24, 80.902,
301.603

22, 87.597,
303.490

Harmonies

Complementary

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



62, 9.031, 284.160



67, 8.883, 101.564

Rectangle

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



62, 9.031, 284.160



62, 9.031, 334.160



62, 9.031, 104.160



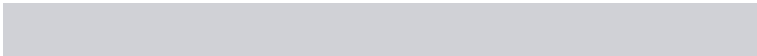
62, 9.031, 154.160

Sweetspot

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



62, 9.030, 284.154



84, 2.879, 283.193



66, 7.306, 184.912



44, 2.179, 283.270



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, 9.030, 284.154



77, 13.634, 284.505



62, 10.983, 303.686



32, 4.382, 283.880



19, 79.086, 303.243



1, 6.844, 283.618

Inverse Universe

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



62, 7.655, 7.489



77, 11.600, 7.780



67, 10.754, 122.442



32, 3.703, 7.256



30, 62.200, 31.352



1, 5.596, 7.680

Previews

White Background



This preview shows how the CIELCh color 62, 9.031, 284.160 looks on a white background.

Color Contrast Check

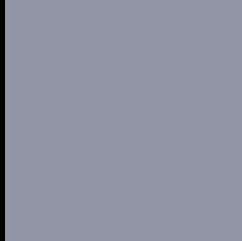
Large Text (above 18pt) WCAG AA × Fail

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, 9.031, 284.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

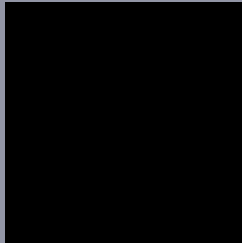
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 9.031, 284.160

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.031, 284.160.



This preview shows how white text looks on a background with the CIELCh color 62, 9.031, 284.160.

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

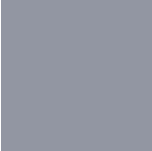
62, 9.031, 284.160

Protanopia

62, 8.984, 288.816

Deuteranopia

62, 12.016, 311.300



Tritanopia
62, 6.867, 278.458

Trichromacy



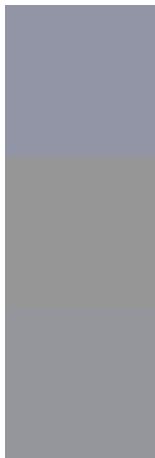
Original Color
62, 9.031, 284.160

Protanomaly
62, 9.001, 286.478

Deuteranomaly
62, 10.944, 303.048

Tritanomaly
62, 7.414, 279.484

Monochromacy



Original Color
62, 9.031, 284.160

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 3.385, 284.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 9.031, 284.160 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, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 149, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.031, 284.160 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, 149, 165) }
```

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

```
.border{ border-color:rgb(146, 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(146, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(146, 149,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.031, 284.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 149, 165) }
```

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

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