

Converting Colors

CIELCh(62, 9.826, 289.407)

Have a look what the booklet for
CIELCh(62, 9.826, 289.407) contains.

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Color

CIELCh(62, 9.545, 289.020)

Conversions

Conversions Part 1

Format	Color
Hex	9495A6
RGB	148, 149, 166
RGB Percent	58%, 58%, 65%
CMY	0.4208, 0.4169, 0.3503
CMYK	0.11, 0.10, 0.00, 0.35
HSL	237°, 9%, 61%
HSV	237°, 11%, 65%
XYZ	29.7062, 30.4025, 40.2241
YIQ	150.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

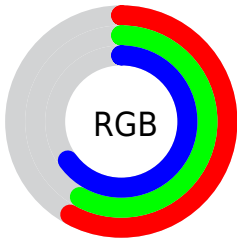
Format	Color
R_{YB}	148, 149, 166
Decimal	9737638
CIE _{Lab}	62.00, 3.11, -9.02
CIE _{LCh}	62, 9.545, 289.020
Yxy	30.4025, 0.2961, 0.3030
Android (android.graphics.Color)	4287927718 (0xFF9495A6)
YUV	150.6390, 7.5730, -2.3144
Hunter-Lab	55.1385, -0.3243, -4.6557

Details

The CIELCh color $62, 9.545, 289.020$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 9.337, 106.774$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 9.546, 288.912$, and $42, 9.679, 289.301$ is the 20% darker color. If you saturate the color by 10%, you get $56, 18.675, 290.266$, and if you desaturate by 10%, it is $68, 0.750, 288.038$.

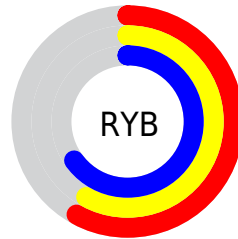
Distribution



Red (58%)

Green (58%)

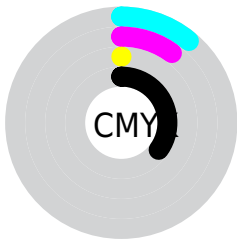
Blue (65%)



Red (58%)

Yellow (58%)

Blue (65%)

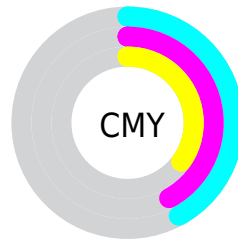


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (42%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 9.545, 289.020 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, 9.545, 289.020 by changing the saturation by 10% instead.

■ 62, 9.545, 289.020

■ 62, 9.545, 289.020

■ 100, 9.545,
289.020

■ 52, 9.545, 289.020

■ 82, 9.545, 289.020

■ 42, 9.545, 289.020

■ 92, 9.545, 289.020

■ 32, 9.545, 289.020

■ 22, 9.545, 289.020

■ 12, 9.545, 289.020

■ 2, 9.545, 289.020

■ 0, 9.545, 289.020

■ 62, 9.545, 289.020

■ 62, 9.545, 289.020

■ 56, 18.675,

■ 68, 0.750, 288.038

290.266

73, 7.730, 107.014

51, 28.173,
291.735

78, 15.920,
106.235

45, 38.062,
293.450

84, 23.838,
105.561

40, 48.348,
295.422

89, 31.503,
104.977

35, 58.969,
297.632

94, 38.930,
104.468

30, 69.699,
299.992

98, 44.628,
106.768

25, 79.971,
302.314

22, 88.706,
304.308

20, 94.259,
305.525

Harmonies

Complementary

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



62, 9.545, 289.020



67, 9.337, 106.774

Rectangle

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



62, 9.545, 289.020



62, 9.545, 339.020



62, 9.545, 109.020



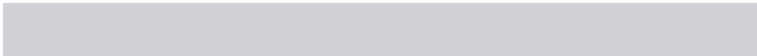
62, 9.545, 159.020

Sweetspot

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



62, 9.544, 289.015



84, 3.210, 288.186



67, 6.703, 193.193



44, 2.431, 288.261



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, 9.544, 289.015



77, 14.140, 289.293



62, 10.552, 307.217



32, 4.896, 288.833



17, 85.234, 305.396



1, 7.547, 288.084

Inverse Universe

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



63, 7.105, 15.535



78, 10.570, 15.752



67, 10.373, 126.210



32, 3.635, 15.391



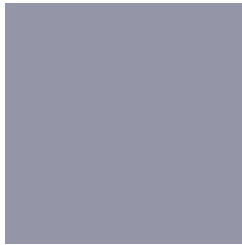
30, 66.142, 37.007



1, 5.484, 15.211

Previews

White Background



This preview shows how the CIELCh color 62, 9.545, 289.020 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, 9.545, 289.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

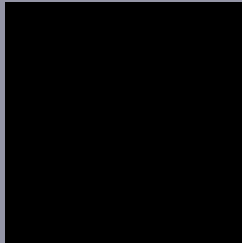
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

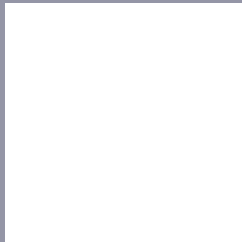
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 9.545, 289.020

Background



This preview shows how black text looks on a background with the CIELCh color 62, 9.545, 289.020.



This preview shows how white text looks on a background with the CIELCh color 62, 9.545, 289.020.

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, 9.545, 289.020

Protanopia

62, 9.545, 289.020

Deuteranopia

62, 12.016, 311.300



Tritanopia
62, 6.768, 284.614

Trichromacy



Original Color
62, 9.545, 289.020

Protanomaly
62, 9.545, 289.020

Deuteranomaly
62, 11.028, 304.944

Tritanomaly
62, 7.884, 285.661

Monochromacy



Original Color
62, 9.545, 289.020

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, 9.545, 289.020 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 9.545, 289.020 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, 166) }
```

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

```
.border{ border-color:rgb(148, 149, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 166);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 9.545, 289.020 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, 166) }
```

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

```
.background{ background-color: rgb(148,  
149, 166) }
```

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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