

Converting Colors

CIELCh(64, 8.289, 253.164)

Have a look what the booklet for
CIELCh(64, 8.289, 253.164) contains.

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Color

CIELCh(64, 8.290, 253.174)

Conversions

Conversions Part 1

Format	Color
Hex	8F9DA9
RGB	143, 157, 169
RGB Percent	56%, 62%, 66%
CMY	0.4393, 0.3844, 0.3374
CMYK	0.15, 0.07, 0.00, 0.34
HSL	208°, 13%, 61%
HSV	208°, 15%, 66%
XYZ	30.5306, 32.8017, 42.2409
YIQ	154.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

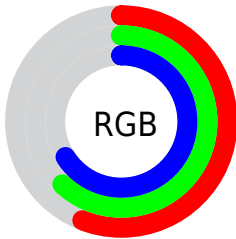
Format	Color
R_{YB}	143, 152, 169
Decimal	9412009
CIE _{Lab}	64.00, -2.40, -7.94
CIE _{LCh}	64, 8.290, 253.174
Yxy	32.8017, 0.2892, 0.3107
Android (android.graphics.Color)	4287602089 (0xFF8F9DA9)
YUV	154.1820, 7.3053, -9.8066
Hunter-Lab	57.2727, -5.0735, -3.6378

Details

The CIELCh color $64, 8.290, 253.174$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 8.698, 69.331$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 8.097, 250.735$, and $44, 8.347, 251.414$ is the 20% darker color. If you saturate the color by 10%, you get $61, 13.546, 254.763$, and if you desaturate by 10%, it is $67, 2.928, 251.887$.

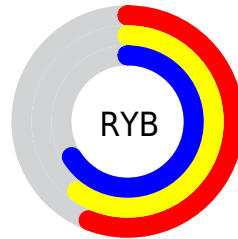
Distribution



Red (56%)

Green (62%)

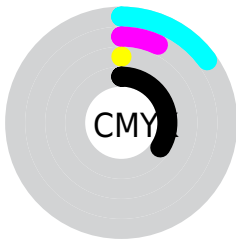
Blue (66%)



Red (56%)

Yellow (60%)

Blue (66%)

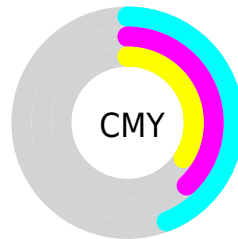


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (44%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.290, 253.174 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 64, 8.290, 253.174 by changing the saturation by 10% instead.

■ 64, 8.290, 253.174

■ 64, 8.290, 253.174

■ 100, 8.290,
253.174

■ 54, 8.290, 253.174

■ 84, 8.290, 253.174

■ 44, 8.290, 253.174

■ 94, 8.290, 253.174

■ 34, 8.290, 253.174

■ 24, 8.290, 253.174

■ 14, 8.290, 253.174

■ 4, 8.290, 253.174

■ 0, 8.290, 253.174

■ 64, 8.290, 253.174

■ 64, 8.290, 253.174

■ 61, 13.546,

■ 67, 2.928, 251.887

254.763

71, 2.510, 70.485

57, 18.671,
256.689

74, 8.000, 69.612

54, 23.640,
258.998

78, 13.520, 68.802

51, 28.442,
261.752

81, 19.050, 68.096

48, 33.086,
265.003

85, 24.575, 67.481

45, 37.608,
268.774

87, 28.398, 70.652

42, 42.083,
273.027

89, 29.856, 79.600

40, 46.611,
277.631

38, 48.772,
279.676

Harmonies

Complementary

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



64, 8.290, 253.174



65, 8.698, 69.331

Rectangle

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



64, 8.290, 253.174



64, 8.290, 303.174



64, 8.290, 73.174



64, 8.290, 123.174

Sweetspot

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



64, 8.289, 253.164



85, 3.361, 251.857



67, 12.668, 159.826



45, 2.288, 251.926



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 8.289, 253.164



80, 11.957, 253.602



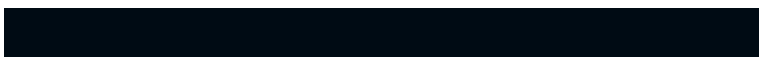
61, 13.940, 289.803



34, 3.055, 252.337



34, 43.781, 279.110



3, 5.925, 259.166

Inverse Universe

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



62, 12.762, 342.856



77, 18.504, 343.120



68, 13.514, 106.580



33, 4.650, 342.321



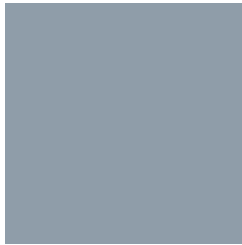
31, 57.070, 357.654



2, 7.981, 345.602

Previews

White Background



This preview shows how the CIELCh color 64, 8.290, 253.174 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 64, 8.290, 253.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

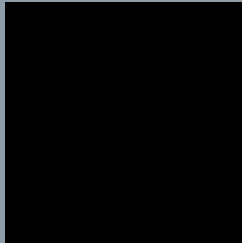
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

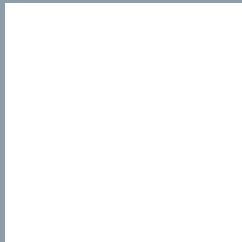
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 8.290, 253.174

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.290, 253.174.



This preview shows how white text looks on a background with the CIELCh color 64, 8.290, 253.174.

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

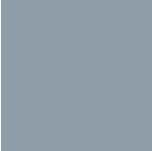
64, 8.290, 253.174

Protanopia

64, 7.256, 290.961

Deuteranopia

64, 11.565, 313.975



Tritanopia
64, 8.290, 253.174

Trichromacy



Original Color
64, 8.290, 253.174

Protanomaly
64, 7.444, 276.682

Deuteranomaly
64, 9.576, 297.820

Tritanomaly
64, 8.290, 253.174

Monochromacy



Original Color
64, 8.290, 253.174

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 2.896, 249.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.290, 253.174 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(143, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 169)  
}
```

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(143, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.290, 253.174 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(143, 157, 169) }
```

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

```
.border{ border-color:rgb(143, 157, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 169);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.290, 253.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 169) }
```

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

```
.background{ background-color: rgb(143,  
157, 169) }
```

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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