

Converting Colors

CIELCh(64, 11.486, 242.307)

Have a look what the booklet for
CIELCh(64, 11.486, 242.307)
contains.

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Color

CIELCh(64, 11.580, 241.428)

Conversions

Conversions Part 1

Format	Color
Hex	869FAD
RGB	134, 159, 173
RGB Percent	53%, 62%, 68%
CMY	0.4752, 0.3771, 0.3223
CMYK	0.23, 0.08, 0.00, 0.32
HSL	202°, 19%, 60%
HSV	202°, 23%, 68%
XYZ	29.6988, 32.8017, 44.2122
YIQ	153.1210, -19.3940, -0.9460

Conversions

Conversions Part 2

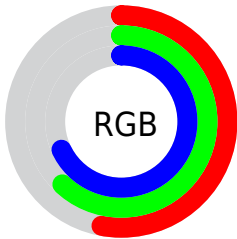
Format	Color
RYB	134, 149, 173
Decimal	8822701
CIELab	64.00, -5.54, -10.17
CIELCh	64, 11.580, 241.428
Yxy	32.8017, 0.2783, 0.3074
Android (android.graphics.Color)	4287012781 (0xFF869FAD)
YUV	153.1210, 9.8003, -16.7691
Hunter-Lab	57.2727, -7.6661, -5.6785

Details

The CIELCh color $64, 11.580, 241.428$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 12.946, 56.913$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.355, 239.646$, and $44, 11.761, 240.330$ is the 20% darker color. If you saturate the color by 10%, you get $61, 16.346, 242.967$, and if you desaturate by 10%, it is $67, 6.570, 240.186$.

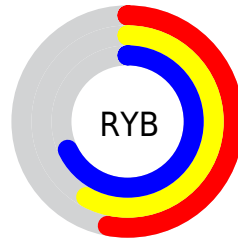
Distribution



Red (53%)

Green (62%)

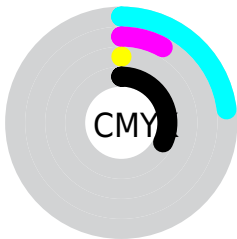
Blue (68%)



Red (53%)

Yellow (58%)

Blue (68%)

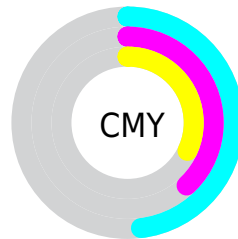


Cyan (23%)

Magenta (8%)

Yellow (0%)

Black (32%)



Cyan (48%)


Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.580, 241.428 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, 11.580, 241.428 by changing the saturation by 10% instead.


 64, 11.580,
241.428

 64, 11.580,
241.428


 100, 11.580,
241.428


 54, 11.580,
241.428


 84, 11.580,
241.428

 44, 11.580,
241.428

 94, 11.580,
241.428

 34, 11.580,
241.428

 24, 11.580,
241.428

 14, 11.580,
241.428

 4, 11.580, 241.428

 0, 11.580, 241.428

64, 11.580,
241.428

64, 11.580,
241.428

61, 16.346,
242.967

67, 6.570, 240.186

58, 20.820,
244.881

70, 1.364, 239.405

73, 3.992, 58.149

56, 24.962,
247.238

76, 9.462, 57.521

53, 28.746,
250.119

79, 15.012, 56.967

82, 20.614, 56.500

51, 32.180,
253.593

85, 26.247, 56.107

48, 35.316,
257.693

87, 26.477, 64.303

88, 27.199, 72.300

46, 38.258,
262.378

45, 40.457,

265.993

Harmonies

Complementary

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



64, 11.580, 241.428



63, 12.946, 56.913

Rectangle

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



64, 11.580, 241.428



64, 11.580, 291.428



64, 11.580, 61.428



64, 11.580, 111.428

Sweetspot

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



64, 11.580, 241.422



87, 4.569, 239.650



67, 20.406, 154.620



46, 2.962, 239.699



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 11.580, 241.422



80, 16.958, 242.139



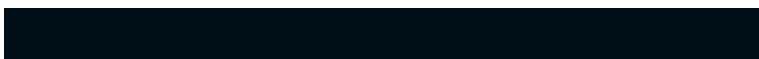
59, 18.871, 286.094



35, 2.985, 239.851



39, 36.260, 265.364



4, 6.640, 250.268

Inverse Universe

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



60, 20.531, 338.442



74, 30.419, 338.853



68, 18.257, 100.786



34, 5.121, 337.395



33, 60.337, 348.994



2, 10.029, 341.242

Previews

White Background



This preview shows how the CIELCh color 64, 11.580, 241.428 looks on a white background.

Color Contrast Check

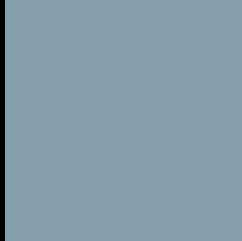
Large Text (above 18pt) WCAG AA × Fail

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 64, 11.580, 241.428 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

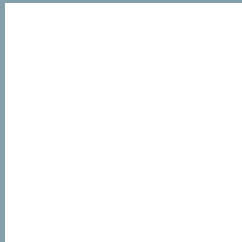
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 11.580, 241.428

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.580, 241.428.



This preview shows how white text looks on a background with the CIELCh color 64, 11.580, 241.428.

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

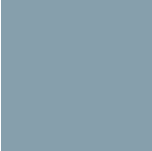
64, 11.580, 241.428

Protanopia

64, 8.931, 288.784

Deuteranopia

64, 13.418, 307.393



Tritanopia
64, 11.248, 239.137

Trichromacy



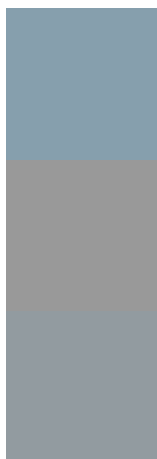
Original Color
64, 11.580, 241.428

Protanomaly
64, 9.032, 267.448

Deuteranomaly
64, 11.192, 285.811

Tritanomaly
64, 11.248, 239.137

Monochromacy



Original Color
64, 11.580, 241.428

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.324, 239.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.580, 241.428 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(134, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(134, 159, 173)  
}
```

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(134, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 159, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.580, 241.428 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(134, 159, 173) }
```

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

```
.border{ border-color:rgb(134, 159, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(134, 159,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.580, 241.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 159, 173) }
```

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

```
.background{ background-color: rgb(134,  
159, 173) }
```

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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