

Converting Colors

CIELCh(64, 13.114, 245.377)

Have a look what the booklet for
CIELCh(64, 13.114, 245.377)
contains.

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Color

CIELCh(64, 13.114, 245.377)

Conversions

Conversions Part 1

Format	Color
Hex	849FB0
RGB	132, 159, 176
RGB Percent	52%, 62%, 69%
CMY	0.4826, 0.3768, 0.3101
CMYK	0.25, 0.10, 0.00, 0.31
HSL	203°, 22%, 60%
HSV	203°, 25%, 69%
XYZ	29.7183, 32.8017, 45.7997
YIQ	152.8650, -21.5490, -0.4370

Conversions

Conversions Part 2

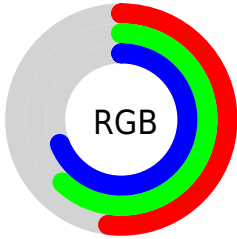
Format	Color
RYB	132, 149, 176
Decimal	8691632
CIELab	64.00, -5.46, -11.92
CIELCh	64, 13.114, 245.377
Yxy	32.8017, 0.2744, 0.3028
Android (android.graphics.Color)	4286881712 (0xFF849FB0)
YUV	152.8650, 11.4056, -18.2986
Hunter-Lab	57.2727, -7.6052, -7.3219

Details

The CIELCh color `64, 13.114, 245.377` is a light color, and the websafe version is hex `999999`. A complement of this color would be `64, 14.706, 59.836`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 13.162, 245.293`, and `44, 12.951, 242.827` is the 20% darker color. If you saturate the color by 10%, you get `61, 17.994, 247.109`, and if you desaturate by 10%, it is `67, 8.005, 243.962`.

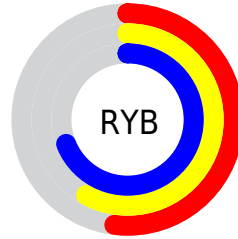
Distribution



Red (52%)

Green (62%)

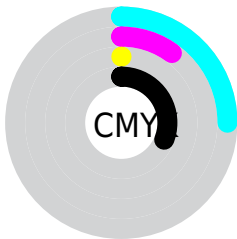
Blue (69%)



Red (52%)

Yellow (58%)

Blue (69%)

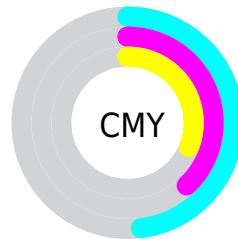


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (48%)


Magenta (38%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 13.114, 245.377 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, 13.114, 245.377 by changing the saturation by 10% instead.


 64, 13.114,
245.377


 64, 13.114,
245.377


 100, 13.114,
245.377


 54, 13.114,
245.377


 84, 13.114,
245.377

 44, 13.114,
245.377


 94, 13.114,
245.377

 34, 13.114,
245.377

 24, 13.114,
245.377

 14, 13.114,
245.377

 4, 13.114, 245.377

 0, 13.114, 245.377

64, 13.114,
245.377

64, 13.114,
245.377

61, 17.994,
247.109

67, 8.005, 243.962

58, 22.606,
249.238

70, 2.712, 242.889

55, 26.916,
251.832

73, 2.723, 61.618

52, 30.916,
254.966

77, 8.265, 60.916

50, 34.629,
258.690

80, 13.880, 60.264

47, 38.127,
263.007

83, 19.544, 59.708

45, 41.527,
267.828

86, 25.210, 59.276

44, 43.275,

88, 25.690, 68.646

90, 26.837, 77.407

Harmonies

Complementary

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



64, 13.114, 245.377



64, 14.706, 59.836

Rectangle

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



64, 13.114, 245.377



64, 13.114, 295.377



64, 13.114, 65.377



64, 13.114, 115.377

Sweetspot

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



64, 13.113, 245.372



88, 5.352, 243.175



68, 22.360, 155.823



46, 3.791, 243.330



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 13.113, 245.372



80, 19.320, 246.286



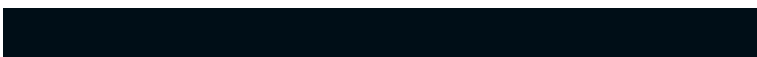
58, 22.142, 288.126



35, 3.010, 243.295



38, 38.204, 269.518



3, 6.758, 253.462

Inverse Universe

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



60, 22.682, 339.941



74, 33.800, 340.434



69, 21.217, 102.327



34, 5.023, 338.643



32, 59.501, 351.212



2, 9.830, 342.695

Previews

White Background



This preview shows how the CIELCh color 64, 13.114, 245.377 looks on a white background.

Color Contrast Check

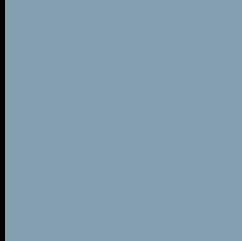
Large Text (above 18pt) WCAG AA × Fail

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, 13.114, 245.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

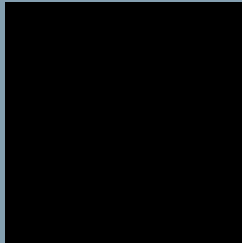
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

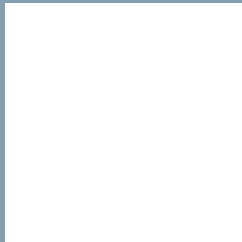
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 13.114, 245.377

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.114, 245.377.



This preview shows how white text looks on a background with the CIELCh color 64, 13.114, 245.377.

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, 13.114, 245.377

Protanopia

64, 10.614, 287.389

Deuteranopia

64, 15.413, 302.590



Tritanopia
64, 12.004, 232.725

Trichromacy



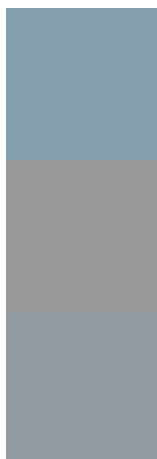
Original Color
64, 13.114, 245.377

Protanomaly
64, 10.687, 269.606

Deuteranomaly
64, 12.920, 283.599

Tritanomaly
64, 12.281, 235.050

Monochromacy



Original Color
64, 13.114, 245.377

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.950, 241.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.114, 245.377 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(132, 159, 176)` looks like.

```
.text, #text, p{  
    color:rgb(132, 159, 176)  
}
```

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(132, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 159, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.114, 245.377 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(132, 159, 176) }
```

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

```
.border{ border-color:rgb(132, 159, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 159, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 159, 176);  
box-shadow:4px 4px 4px 4px rgb(132, 159,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.114, 245.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 159, 176) }
```

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

```
.background{ background-color: rgb(132,  
159, 176) }
```

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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