

Converting Colors

CIELCh(64, 14.778, 268.096)

Have a look what the booklet for
CIELCh(64, 14.778, 268.096)
contains.

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Color

CIELCh(64, 14.972, 268.427)

Conversions

Conversions Part 1

Format	Color
Hex	8B9CB5
RGB	139, 156, 181
RGB Percent	55%, 61%, 71%
CMY	0.4532, 0.3865, 0.2885
CMYK	0.23, 0.14, 0.00, 0.29
HSL	216°, 22%, 63%
HSV	216°, 23%, 71%
XYZ	31.0657, 32.8017, 48.6486
YIQ	153.7670, -18.1570, 4.1710

Conversions

Conversions Part 2

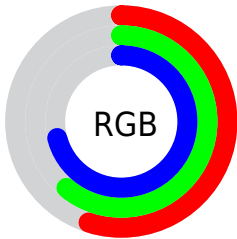
Format	Color
RYB	139, 151, 181
Decimal	9149621
CIELab	64.00, -0.41, -14.97
CIElCh	64, 14.972, 268.427
Yxy	32.8017, 0.2761, 0.2915
Android (android.graphics.Color)	4287339701 (0xFF8B9CB5)
YUV	153.7670, 13.4259, -12.9507
Hunter-Lab	57.2727, -3.4060, -10.2712

Details

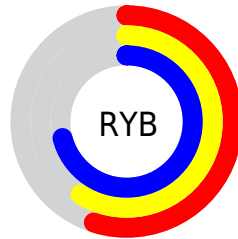
The CIELCh color $64, 14.972, 268.427$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 15.378, 82.010$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 15.200, 269.350$, and $44, 14.865, 267.871$ is the 20% darker color. If you saturate the color by 10%, you get $60, 21.488, 270.330$, and if you desaturate by 10%, it is $68, 8.484, 266.807$.

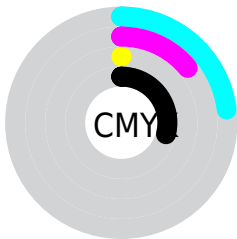
Distribution



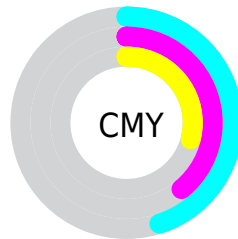
- Red (55%)
- Green (61%)
- Blue (71%)



- Red (55%)
- Yellow (59%)
- Blue (71%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (45%)
- Magenta (39%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 14.972, 268.427 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, 14.972, 268.427 by changing the saturation by 10% instead.

 64, 14.972,
268.427

 64, 14.972,
268.427


 100, 14.972,
268.427


 54, 14.972,
268.427


 84, 14.972,
268.427

 44, 14.972,
268.427

 94, 14.972,
268.427

 34, 14.972,
268.427

 24, 14.972,
268.427

 14, 14.972,
268.427

 4, 14.972, 268.427

 0, 14.972, 268.427

64, 14.972,
268.427

64, 14.972,
268.427

60, 21.488,
270.330

68, 8.484, 266.807

56, 28.035,
272.570

72, 2.034, 265.516

77, 4.371, 84.121

52, 34.623,
275.189

81, 10.721, 83.121

47, 41.278,
278.216

85, 17.008, 82.228

89, 23.225, 81.441

44, 48.042,
281.649

93, 27.501, 89.076

40, 54.963,
285.425

95, 31.544, 99.116

37, 62.064,
289.402

98, 36.303,
106.573

34, 67.022,

Harmonies

Complementary

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



64, 14.972, 268.427



68, 15.378, 82.010

Rectangle

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



64, 14.972, 268.427



64, 14.972, 318.427



64, 14.972, 88.427



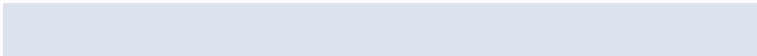
64, 14.972, 138.427

Sweetspot

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



64, 14.971, 268.423



90, 5.605, 265.968



70, 18.235, 166.266



48, 3.672, 266.045



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 14.971, 268.423



79, 22.533, 269.400



60, 23.860, 295.723



37, 3.686, 266.264



29, 59.064, 291.521



3, 11.134, 273.964

Inverse Universe

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



62, 18.891, 351.360



77, 28.543, 351.986



73, 22.626, 111.532



36, 4.580, 349.907



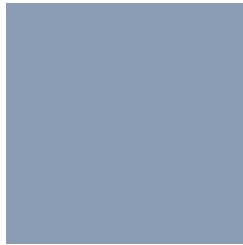
33, 58.514, 10.456



2, 11.646, 356.152

Previews

White Background



This preview shows how the CIELCh color 64, 14.972, 268.427 looks on a white background.

Color Contrast Check

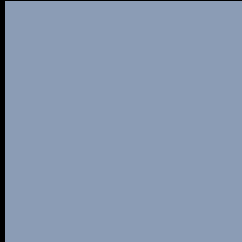
Large Text (above 18pt) WCAG AA × Fail

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, 14.972, 268.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

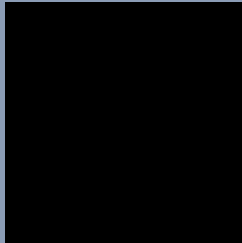
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

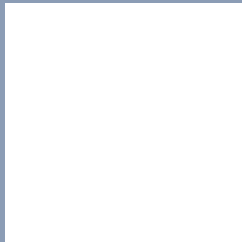
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 14.972, 268.427

Background



This preview shows how black text looks on a background with the CIELCh color 64, 14.972, 268.427.



This preview shows how white text looks on a background with the CIELCh color 64, 14.972, 268.427.

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, 14.972, 268.427

Protanopia

64, 14.543, 286.119

Deuteranopia

64, 18.010, 297.725



Tritanopia
64, 10.263, 244.098

Trichromacy



Original Color
64, 14.972, 268.427

Protanomaly
64, 14.759, 279.335

Deuteranomaly
64, 16.204, 288.157

Tritanomaly
64, 11.901, 256.939

Monochromacy



Original Color
64, 14.972, 268.427

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 5.453, 266.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 14.972, 268.427 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(139, 156, 181)` looks like.

```
.text, #text, p{  
    color:rgb(139, 156, 181)  
}
```

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(139, 156, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 156, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 14.972, 268.427 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(139, 156, 181) }
```

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

```
.border{ border-color:rgb(139, 156, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 156, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 156, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 156, 181);  
box-shadow:4px 4px 4px 4px rgb(139, 156,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 14.972, 268.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 156, 181) }
```

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

```
.background{ background-color: rgb(139,  
156, 181) }
```

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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