

Converting Colors

CIELCh(63, 26.320, 288.614)

Have a look what the booklet for
CIELCh(63, 26.320, 288.614)
contains.

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Color

CIELCh(63, 26.321, 288.615)

Conversions

Conversions Part 1

Format	Color
Hex	9096C5
RGB	144, 150, 197
RGB Percent	56%, 59%, 77%
CMY	0.4369, 0.4133, 0.2291
CMYK	0.27, 0.24, 0.00, 0.23
HSL	233°, 31%, 67%
HSV	233°, 27%, 77%
XYZ	32.3000, 31.5869, 56.9598
YIQ	153.5640, -18.6630, 13.3450

Conversions

Conversions Part 2

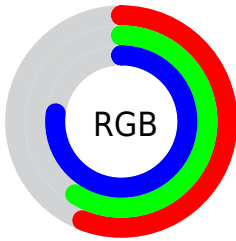
Format	Color
RYB	144, 149, 197
Decimal	9475781
CIELab	63.00, 8.40, -24.94
CIELCh	63, 26.321, 288.615
Yxy	31.5869, 0.2673, 0.2614
Android (android.graphics.Color)	4287665861 (0xFF9096C5)
YUV	153.5640, 21.4139, -8.3876
Hunter-Lab	56.2022, 4.2319, -20.7476

Details

The CIELCh color $63, 26.321, 288.615$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 25.099, 102.267$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.461, 288.911$, and $43, 26.509, 288.792$ is the 20% darker color. If you saturate the color by 10%, you get $57, 36.767, 290.322$, and if you desaturate by 10%, it is $69, 16.261, 287.157$.

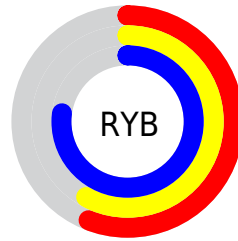
Distribution



Red (56%)

Green (59%)

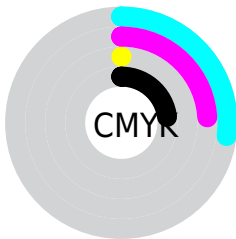
Blue (77%)



Red (56%)

Yellow (58%)

Blue (77%)

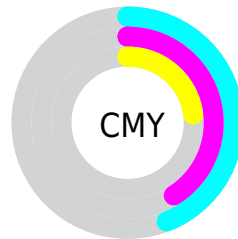


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (44%)


Magenta (41%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.321, 288.615 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 63, 26.321, 288.615 by changing the saturation by 10% instead.


 63, 26.321,
288.615


 63, 26.321,
288.615


 100, 26.321,
288.615


 53, 26.321,
288.615


 83, 26.321,
288.615

 43, 26.321,
288.615

 93, 26.321,
288.615

 33, 26.321,
288.615

 23, 26.321,
288.615

 13, 26.321,
288.615

 3, 26.321, 288.615

 0, 26.321, 288.615

63, 26.321,
288.615

63, 26.321,
288.615

57, 36.767,
290.322

69, 16.261,
287.157

51, 47.628,
292.306

75, 6.559, 285.921

45, 58.903,
294.571

81, 2.813, 104.800

39, 70.503,
297.076

87, 11.880,
103.917

34, 82.120,
299.698

93, 20.660,
103.133

30, 93.035,
302.211

99, 29.046,
107.341

26, 102.026,
304.302

99, 29.444,
107.940

26, 104.207,

Harmonies

Complementary

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



63, 26.321, 288.615



77, 25.099, 102.267

Rectangle

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



63, 26.321, 288.615



63, 26.321, 338.615



63, 26.321, 108.615



63, 26.321, 158.615

Sweetspot

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



63, 26.320, 288.614



94, 9.339, 286.054



76, 18.660, 187.654



49, 6.653, 286.233



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 26.320, 288.614



76, 38.998, 289.528



63, 30.621, 306.428



39, 5.422, 286.202



20, 90.010, 304.536



2, 19.801, 288.697

Inverse Universe

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



65, 21.459, 12.769



79, 31.961, 13.545



77, 29.218, 123.511



39, 4.319, 10.789



34, 70.076, 34.675



3, 15.990, 13.546

Previews

White Background



This preview shows how the CIELCh color 63, 26.321, 288.615 looks on a white background.

Color Contrast Check

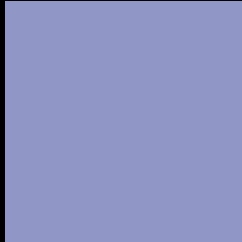
Large Text (above 18pt) WCAG AA × Fail

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 63, 26.321, 288.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

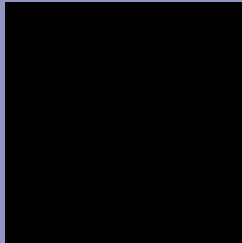
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.321, 288.615

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.321, 288.615.



This preview shows how white text looks on a background with the CIELCh color 63, 26.321, 288.615.

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

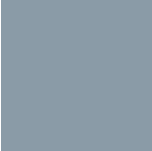
63, 26.321, 288.615

Protanopia

63, 25.874, 284.833

Deuteranopia

63, 26.321, 288.615



Tritanopia
63, 8.966, 247.711

Trichromacy



Original Color
63, 26.321, 288.615

Protanomaly
63, 26.391, 286.497

Deuteranomaly
63, 26.321, 288.615

Tritanomaly
63, 14.582, 273.468

Monochromacy



Original Color
63, 26.321, 288.615

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.525, 286.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.321, 288.615 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(144, 150, 197)` looks like.

```
.text, #text, p{  
    color:rgb(144, 150, 197)  
}
```

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(144, 150, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 150, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.321, 288.615 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(144, 150, 197) }
```

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

```
.border{ border-color:rgb(144, 150, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 150, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 150, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 150, 197);  
box-shadow:4px 4px 4px 4px rgb(144, 150,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.321, 288.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 150, 197) }
```

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

```
.background{ background-color: rgb(144,  
150, 197) }
```

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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