

Converting Colors

CIELCh(64, 19.709, 265.165)

Have a look what the booklet for
CIELCh(64, 19.709, 265.165)
contains.

CIELCh(64, 19.654, 264.815)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 19.654, 264.815)

Conversions

Conversions Part 1

Format	Color
Hex	839EBE
RGB	131, 158, 190
RGB Percent	51%, 62%, 75%
CMY	0.4879, 0.3820, 0.2566
CMYK	0.31, 0.17, 0.00, 0.26
HSL	213°, 31%, 63%
HSV	213°, 31%, 74%
XYZ	30.6977, 32.8017, 53.1802
YIQ	153.5750, -26.3640, 4.2280

Conversions

Conversions Part 2

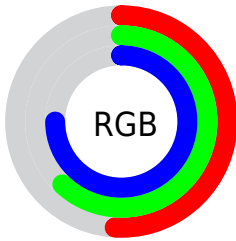
Format	Color
RYB	131, 150, 190
Decimal	8625854
CIELab	64.00, -1.78, -19.57
CIElCh	64, 19.654, 264.815
Yxy	32.8017, 0.2631, 0.2811
Android (android.graphics.Color)	4286815934 (0xFF839EBE)
YUV	153.5750, 17.9575, -19.7983
Hunter-Lab	57.2727, -4.5528, -14.9624

Details

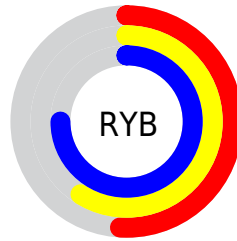
The CIELCh color $64, 19.654, 264.815$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $68, 20.937, 75.867$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 19.357, 263.542$, and $44, 19.728, 265.231$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.894, 267.021$, and if you desaturate by 10%, it is $68, 13.368, 262.948$.

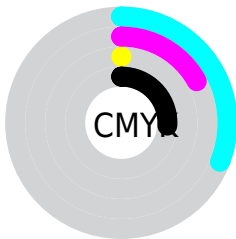
Distribution



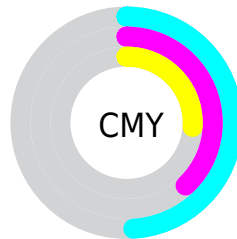
- Red (51%)
- Green (62%)
- Blue (75%)



- Red (51%)
- Yellow (59%)
- Blue (75%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (26%)





- Cyan (49%)
- Magenta (38%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 19.654, 264.815 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, 19.654, 264.815 by changing the saturation by 10% instead.


 64, 19.654,
264.815


 64, 19.654,
264.815


 100, 19.654,
264.815


 54, 19.654,
264.815


 84, 19.654,
264.815

 44, 19.654,
264.815

 94, 19.654,
264.815

 34, 19.654,
264.815

 24, 19.654,
264.815

 14, 19.654,
264.815

 4, 19.654, 264.815

 0, 19.654, 264.815

■ 64, 19.654,
264.815

■ 64, 19.654,
264.815

■ 60, 25.894,
267.021

■ 68, 13.368,
262.948

■ 56, 32.088,
269.625

■ 72, 7.049, 261.382

■ 76, 0.714, 260.436

■ 52, 38.253,
272.668

■ 81, 5.621, 78.773

■ 48, 44.427,
276.164

■ 85, 11.939, 77.808

■ 45, 50.674,
280.078

■ 89, 18.227, 76.954

■ 92, 22.849, 83.025

■ 41, 57.065,
284.292

■ 95, 26.298, 95.311

■ 39, 62.916,
288.025

■ 97, 30.646,
104.303

Harmonies

Complementary

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



64, 19.654, 264.815



68, 20.937, 75.867

Rectangle

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



64, 19.654, 264.815



64, 19.654, 314.815



64, 19.654, 84.815



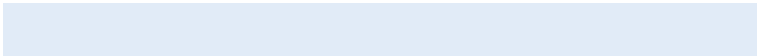
64, 19.654, 134.815

Sweetspot

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



64, 19.653, 264.813



93, 7.087, 261.109



72, 26.196, 162.548



49, 4.964, 261.313



99, 0.012, 296.813



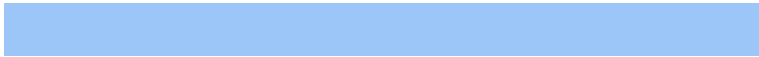
52, 0.007, 296.813

Same Dimension

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



64, 19.653, 264.813



78, 28.955, 266.204



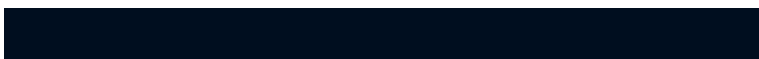
57, 33.739, 295.088



38, 3.582, 261.137



32, 54.232, 287.393



4, 12.044, 271.651

Inverse Universe

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



61, 27.260, 349.024



75, 40.287, 349.833



75, 31.290, 108.668



37, 4.844, 346.746



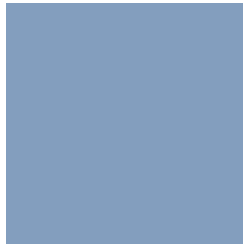
33, 59.076, 5.440



3, 13.642, 354.069

Previews

White Background



This preview shows how the CIELCh color 64, 19.654, 264.815 looks on a white background.

Color Contrast Check

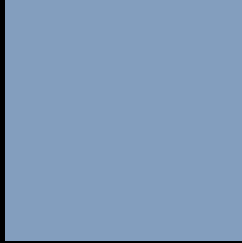
Large Text (above 18pt) WCAG AA × Fail

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, 19.654, 264.815 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

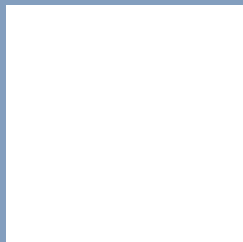
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 19.654, 264.815

Background



This preview shows how black text looks on a background with the CIELCh color 64, 19.654, 264.815.

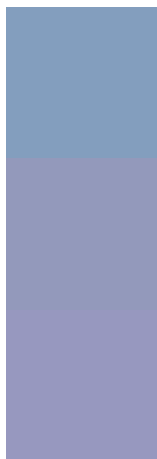


This preview shows how white text looks on a background with the CIELCh color 64, 19.654, 264.815.

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, 19.654, 264.815

Protanopia

64, 19.044, 285.939

Deuteranopia

64, 21.773, 291.570



Tritanopia
64, 13.351, 231.670

Trichromacy



Original Color
64, 19.654, 264.815

Protanomaly
64, 18.872, 277.457

Deuteranomaly
64, 20.275, 282.618

Tritanomaly
64, 15.101, 246.706

Monochromacy



Original Color
64, 19.654, 264.815

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 7.079, 259.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 19.654, 264.815 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(131, 158, 190)` looks like.

```
.text, #text, p{  
    color:rgb(131, 158, 190)  
}
```

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(131, 158, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 158, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 19.654, 264.815 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(131, 158, 190) }
```

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

```
.border{ border-color:rgb(131, 158, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 158, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 158, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 158, 190);  
box-shadow:4px 4px 4px 4px rgb(131, 158,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 19.654, 264.815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 158, 190) }
```

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

```
.background{ background-color: rgb(131,  
158, 190) }
```

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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