

Converting Colors

CIELCh(64, 20.528, 238.323)

Have a look what the booklet for
CIELCh(64, 20.528, 238.323)
contains.

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Color

CIELCh(64, 20.694, 238.959)

Conversions

Conversions Part 1

Format	Color
Hex	6FA2BA
RGB	111, 162, 186
RGB Percent	44%, 64%, 73%
CMY	0.5644, 0.3644, 0.2703
CMYK	0.40, 0.13, 0.00, 0.27
HSL	199°, 35%, 58%
HSV	199°, 40%, 73%
XYZ	28.3713, 32.8017, 51.3351
YIQ	149.4870, -38.1000, -3.3480

Conversions

Conversions Part 2

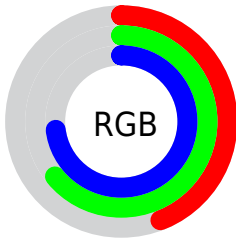
Format	Color
RYB	111, 141, 186
Decimal	7316154
CIELab	64.00, -10.67, -17.73
CIELCh	64, 20.694, 238.959
Yxy	32.8017, 0.2522, 0.2915
Android (android.graphics.Color)	4285506234 (0xFF6FA2BA)
YUV	149.4870, 18.0009, -33.7531
Hunter-Lab	57.2727, -11.8035, -13.0523

Details

The CIELCh color `64, 20.694, 238.959` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 26.335, 51.447`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 20.743, 238.260`, and `44, 20.754, 240.091` is the 20% darker color. If you saturate the color by 10%, you get `61, 24.948, 241.026`, and if you desaturate by 10%, it is `67, 16.030, 237.305`.

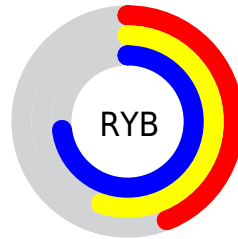
Distribution



Red (44%)

Green (64%)

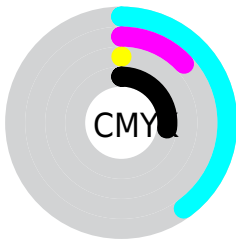
Blue (73%)



Red (44%)

Yellow (55%)

Blue (73%)

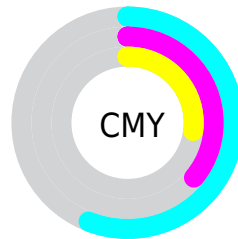


Cyan (40%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (56%)


Magenta (36%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 20.694, 238.959 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, 20.694, 238.959 by changing the saturation by 10% instead.


 64, 20.694,
238.959


 64, 20.694,
238.959


 100, 20.694,
238.959


 54, 20.694,
238.959


 84, 20.694,
238.959

 44, 20.694,
238.959

 94, 20.694,
238.959

 34, 20.694,
238.959

 24, 20.694,
238.959

 14, 20.694,
238.959

 4, 20.694, 238.959

 0, 20.694, 238.959

■ 64, 20.694,
238.959

■ 64, 20.694,
238.959

■ 61, 24.948,
241.026

■ 67, 16.030,
237.305

■ 59, 28.752,
243.599

■ 70, 11.016,
235.997

■ 56, 32.091,
246.761

■ 72, 5.712, 234.983

■ 54, 35.002,
250.574

■ 75, 0.176, 236.731

■ 78, 5.539, 53.304

■ 52, 37.577,
255.048

■ 82, 11.388, 52.810

■ 50, 39.954,
259.783

■ 85, 17.332, 52.391

■ 87, 21.674, 54.714

■ 89, 21.838, 64.409

Harmonies

Complementary

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



64, 20.694, 238.959



61, 26.335, 51.447

Rectangle

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



64, 20.694, 238.959



64, 20.694, 288.959



64, 20.694, 58.959



64, 20.694, 108.959

Sweetspot

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



64, 20.693, 238.957



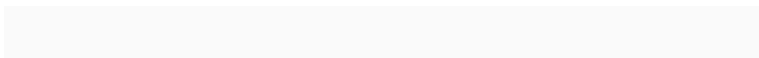
91, 8.210, 235.152



70, 39.384, 151.437



48, 5.475, 235.276



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 20.693, 238.957



79, 29.659, 240.683



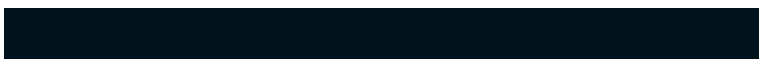
54, 35.455, 287.459



37, 3.112, 234.901



42, 34.739, 259.010



5, 8.778, 247.892

Inverse Universe

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



57, 39.814, 338.190



68, 58.052, 338.978



70, 33.497, 96.741



36, 5.520, 335.714



34, 63.184, 346.068



3, 13.832, 340.442

Previews

White Background



This preview shows how the CIELCh color 64, 20.694, 238.959 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, 20.694, 238.959 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, 20.694, 238.959

Background



This preview shows how black text looks on a background with the CIELCh color 64, 20.694, 238.959.



This preview shows how white text looks on a background with the CIELCh color 64, 20.694, 238.959.

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, 20.694, 238.959

Protanopia

64, 15.115, 286.410

Deuteranopia

64, 20.709, 294.292



Tritanopia
64, 19.237, 220.321

Trichromacy



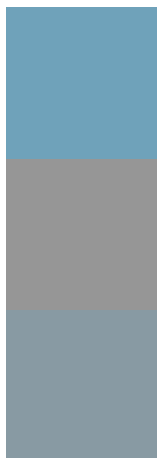
Original Color
64, 20.694, 238.959

Protanomaly
64, 15.985, 264.879

Deuteranomaly
64, 18.591, 273.936

Tritanomaly
64, 19.400, 227.623

Monochromacy



Original Color
64, 20.694, 238.959

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 8.153, 237.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 20.694, 238.959 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(111, 162, 186)` looks like.

```
.text, #text, p{  
    color:rgb(111, 162, 186)  
}
```

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(111, 162, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 162, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 20.694, 238.959 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(111, 162, 186) }
```

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

```
.border{ border-color:rgb(111, 162, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 162, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 162, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 162, 186);  
box-shadow:4px 4px 4px 4px rgb(111, 162,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 20.694, 238.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 162, 186) }
```

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

```
.background{ background-color: rgb(111,  
162, 186) }
```

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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