

Converting Colors

CIELCh(64, 18.169, 229.919)

Have a look what the booklet for
CIELCh(64, 18.169, 229.919)
contains.

CIELCh(64, 18.175, 229.944)	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, 18.175, 229.944)

Conversions

Conversions Part 1

Format	Color
Hex	72A2B3
RGB	114, 162, 179
RGB Percent	45%, 64%, 70%
CMY	0.5518, 0.3636, 0.2969
CMYK	0.36, 0.09, 0.00, 0.30
HSL	196°, 30%, 58%
HSV	196°, 36%, 70%
XYZ	28.1109, 32.8017, 47.6486
YIQ	149.5860, -34.0650, -4.8890

Conversions

Conversions Part 2

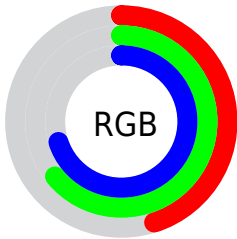
Format	Color
RYB	114, 142, 179
Decimal	7512755
CIELab	64.00, -11.70, -13.91
CIElCh	64, 18.175, 229.944
Yxy	32.8017, 0.2589, 0.3021
Android (android.graphics.Color)	4285702835 (0xFF72A2B3)
YUV	149.5860, 14.5011, -31.2089
Hunter-Lab	57.2727, -12.6150, -9.2359

Details

The CIELCh color **64, 18.175, 229.944** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 23.056, 45.489**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 18.240, 230.044**, and **44, 18.103, 230.222** is the 20% darker color. If you saturate the color by 10%, you get **62, 22.294, 231.439**, and if you desaturate by 10%, it is **66, 13.607, 228.783**.

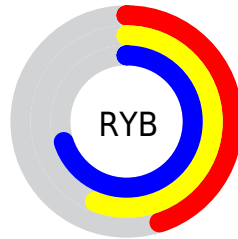
Distribution



Red (45%)

Green (64%)

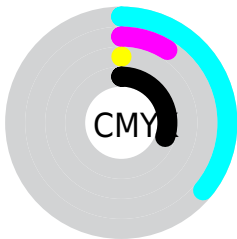
Blue (70%)



Red (45%)

Yellow (56%)

Blue (70%)

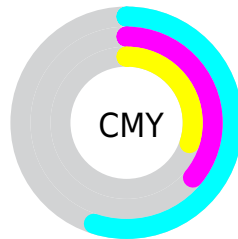


Cyan (36%)

Magenta (9%)

Yellow (0%)

Black (30%)



Cyan (55%)

Magenta (36%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.175, 229.944 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, 18.175, 229.944 by changing the saturation by 10% instead.

 64, 18.175,
229.944

 64, 18.175,
229.944

 100, 18.175,
229.944

 54, 18.175,
229.944


 84, 18.175,
229.944

 44, 18.175,
229.944


 94, 18.175,
229.944

 34, 18.175,
229.944

 24, 18.175,
229.944

 14, 18.175,
229.944

 4, 18.175, 229.944

 0, 18.175, 229.944

■ 64, 18.175,
229.944

■ 64, 18.175,
229.944

■ 62, 22.294,
231.439

■ 66, 13.607,
228.783

■ 60, 25.902,
233.358

■ 69, 8.664, 227.905

■ 58, 28.954,
235.784

■ 71, 3.414, 227.304

■ 74, 2.077, 46.411

■ 56, 31.443,
238.806

■ 77, 7.753, 46.191

■ 54, 33.416,
242.493

■ 79, 13.566, 45.930

■ 82, 19.477, 45.732

■ 52, 34.994,
246.840

■ 85, 24.459, 46.613

■ 52, 35.576,
248.503

■ 86, 24.076, 53.400

Harmonies

Complementary

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



64, 18.175, 229.944



59, 23.056, 45.489

Rectangle

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



64, 18.175, 229.944



64, 18.175, 279.944



64, 18.175, 49.944



64, 18.175, 99.944

Sweetspot

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



64, 18.175, 229.941



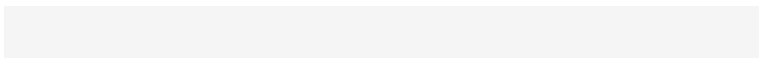
88, 7.320, 227.557



68, 36.297, 149.396



47, 4.943, 227.642



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



64, 18.175, 229.941



79, 26.321, 231.187



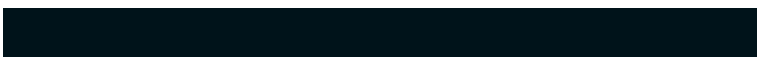
55, 28.295, 282.751



36, 3.058, 227.449



44, 31.527, 247.848



5, 7.502, 238.720

Inverse Universe

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



56, 36.264, 335.293



68, 53.780, 335.963



67, 27.537, 92.825



35, 5.623, 333.350



34, 64.837, 341.887



2, 12.608, 336.738

Previews

White Background



This preview shows how the CIELCh color 64, 18.175, 229.944 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, 18.175, 229.944 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

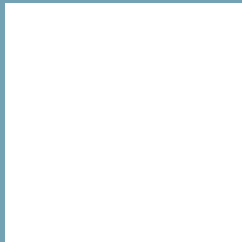
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 18.175, 229.944

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.175, 229.944.

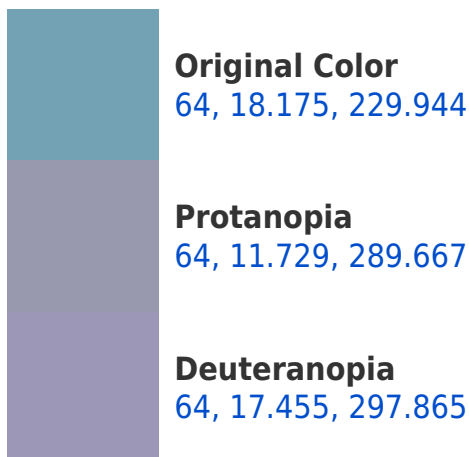


This preview shows how white text looks on a background with the CIELCh color 64, 18.175, 229.944.

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





Tritanopia
64, 17.925, 222.166

Trichromacy



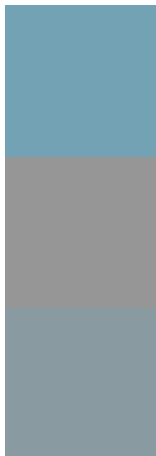
Original Color
64, 18.175, 229.944

Protanomaly
64, 12.664, 261.360

Deuteranomaly
64, 15.171, 272.962

Tritanomaly
64, 18.087, 223.912

Monochromacy



Original Color
64, 18.175, 229.944

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 7.274, 231.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.175, 229.944 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(114, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(114, 162, 179)  
}
```

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(114, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 162, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.175, 229.944 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(114, 162, 179) }
```

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

```
.border{ border-color:rgb(114, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 162, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 162, 179);  
box-shadow:4px 4px 4px 4px rgb(114, 162,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.175, 229.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 162, 179) }
```

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

```
.background{ background-color: rgb(114,  
162, 179) }
```

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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