

Converting Colors

CIELCh(64, 22.391, 220.017)

Have a look what the booklet for
CIELCh(64, 22.391, 220.017)
contains.

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Color

CIELCh(64, 22.460, 219.849)

Conversions

Conversions Part 1

Format	Color
Hex	62A5B4
RGB	98, 165, 180
RGB Percent	38%, 65%, 71%
CMY	0.6157, 0.3529, 0.2941
CMYK	0.46, 0.08, 0.00, 0.29
HSL	191°, 35%, 55%
HSV	191°, 46%, 71%
XYZ	26.7299, 32.8017, 48.1020
YIQ	146.6770, -44.7470, -9.5390

Conversions

Conversions Part 2

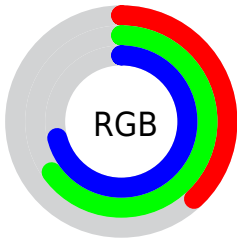
Format	Color
R _Y B	98, 135, 180
Decimal	6464948
CIE Lab	64.00, -17.24, -14.39
CIE LCh	64, 22.460, 219.849
Yxy	32.8017, 0.2483, 0.3048
Android (android.graphics.Color)	4284655028 (0xFF62A5B4)
YUV	146.6770, 16.4282, -42.6897
Hunter-Lab	57.2727, -16.9191, -9.7054

Details

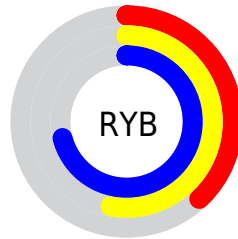
The CIELCh color **64, 22.460, 219.849** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 31.474, 38.095**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.475, 220.320**, and **44, 22.368, 219.569** is the 20% darker color. If you saturate the color by 10%, you get **62, 25.980, 221.028**, and if you desaturate by 10%, it is **66, 18.333, 218.976**.

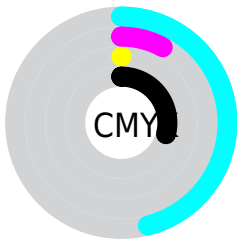
Distribution



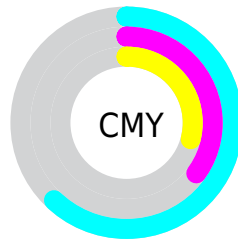
- Red (38%)
- Green (65%)
- Blue (71%)



- Red (38%)
- Yellow (53%)
- Blue (71%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 22.460, 219.849 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, 22.460, 219.849 by changing the saturation by 10% instead.

 64, 22.460,
219.849

 64, 22.460,
219.849

 100, 22.460,
219.849

 54, 22.460,
219.849


 84, 22.460,
219.849

 44, 22.460,
219.849

 94, 22.460,
219.849

 34, 22.460,
219.849

 24, 22.460,
219.849

 14, 22.460,
219.849

 4, 22.460, 219.849

 0, 22.460, 219.849

64, 22.460,
219.849

64, 22.460,
219.849

62, 25.980,
221.028

66, 18.333,
218.976

61, 28.829,
222.589

68, 13.682,
218.356

59, 30.976,
224.606

70, 8.593, 217.947

58, 32.437,
227.152

72, 3.149, 217.772

74, 2.572, 37.259

57, 33.298,
230.279

77, 8.504, 37.333

56, 33.607,
231.757

79, 14.591, 37.367

82, 20.788, 37.441

84, 25.118, 38.727

Harmonies

Complementary

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



64, 22.460, 219.849



54, 31.474, 38.095

Rectangle

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



64, 22.460, 219.849



64, 22.460, 269.849



64, 22.460, 39.849



64, 22.460, 89.849

Sweetspot

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



64, 22.460, 219.847



89, 9.628, 217.908



67, 48.272, 145.580



47, 6.601, 217.973



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, 22.460, 219.847



79, 31.830, 221.081



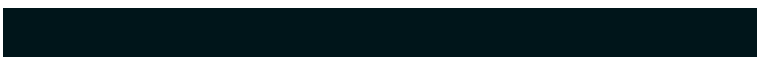
53, 32.352, 279.037



37, 3.160, 217.796



48, 29.793, 231.253



5, 7.547, 226.526

Inverse Universe

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



53, 47.691, 332.847



64, 69.759, 333.563



64, 32.554, 85.195



35, 5.947, 330.474



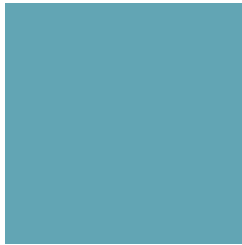
35, 68.592, 336.979



2, 13.539, 332.722

Previews

White Background



This preview shows how the CIELCh color 64, 22.460, 219.849 looks on a white background.

Color Contrast Check

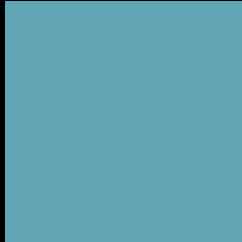
Large Text (above 18pt) WCAG AA × Fail

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, 22.460, 219.849 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, 22.460, 219.849

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.460, 219.849.

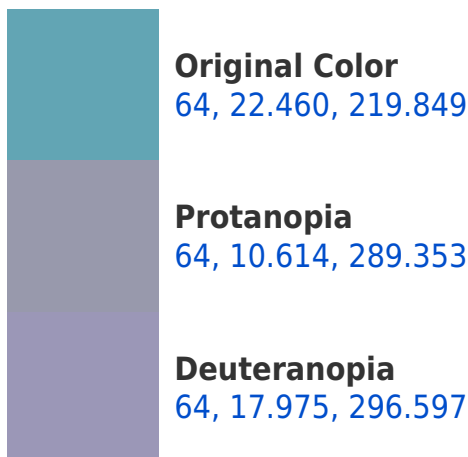


This preview shows how white text looks on a background with the CIELCh color 64, 22.460, 219.849.

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, 22.350, 218.397

Trichromacy



Original Color
64, 22.460, 219.849

Protanomaly
63, 13.082, 249.419

Deuteranomaly
64, 16.125, 263.816

Tritanomaly
64, 22.350, 218.397

Monochromacy



Original Color
64, 22.460, 219.849

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.425, 216.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.460, 219.849 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(98, 165, 180)` looks like.

```
.text, #text, p{  
    color:rgb(98, 165, 180)  
}
```

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(98, 165, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 165, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.460, 219.849 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(98, 165, 180) }
```

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

```
.border{ border-color:rgb(98, 165, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 165, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 165, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 165, 180);  
box-shadow:4px 4px 4px 4px rgb(98, 165,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.460, 219.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 165, 180) }
```

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

```
.background{ background-color: rgb(98, 165,  
180) }
```

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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