

Converting Colors

CIELCh(64, 22.828, 217.895)

Have a look what the booklet for
CIELCh(64, 22.828, 217.895)
contains.

CIELCh(64, 22.824, 217.917)	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, 22.824, 217.917)

Conversions

Conversions Part 1

Format	Color
Hex	60A5B3
RGB	96, 165, 179
RGB Percent	38%, 65%, 70%
CMY	0.6222, 0.3516, 0.2967
CMYK	0.46, 0.08, 0.00, 0.30
HSL	190°, 35%, 54%
HSV	190°, 46%, 70%
XYZ	26.5437, 32.8017, 47.7563
YIQ	145.9650, -45.6180, -10.2740

Conversions

Conversions Part 2

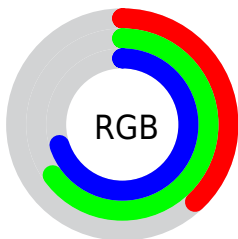
Format	Color
R _Y B	96, 134, 179
Decimal	6333875
CIE Lab	64.00, -18.01, -14.03
CIE LCh	64, 22.824, 217.917
Yxy	32.8017, 0.2478, 0.3063
Android (android.graphics.Color)	4284523955 (0xFF60A5B3)
YUV	145.9650, 16.2863, -43.8193
Hunter-Lab	57.2727, -17.4995, -9.3475

Details

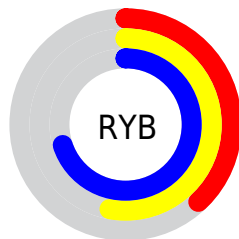
The CIELCh color **64, 22.824, 217.917** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 32.263, 36.902**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.865, 218.453**, and **44, 22.779, 217.442** is the 20% darker color. If you saturate the color by 10%, you get **62, 26.288, 218.986**, and if you desaturate by 10%, it is **66, 18.735, 217.137**.

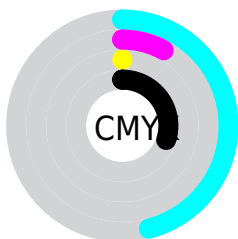
Distribution



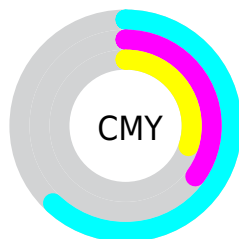
- Red (38%)
- Green (65%)
- Blue (70%)



- Red (38%)
- Yellow (53%)
- Blue (70%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)





- Cyan (62%)
- Magenta (35%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 22.824, 217.917 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, 22.824, 217.917 by changing the saturation by 10% instead.

 64, 22.824,
217.917


 64, 22.824,
217.917


 100, 22.824,
217.917


 54, 22.824,
217.917


 84, 22.824,
217.917

 44, 22.824,
217.917

 94, 22.824,
217.917

 34, 22.824,
217.917

 24, 22.824,
217.917

 14, 22.824,
217.917

 4, 22.824, 217.917

 0, 22.824, 217.917

64, 22.824,
217.917

64, 22.824,
217.917

62, 26.288,
218.986

66, 18.735,
217.137

61, 29.064,
220.414

68, 14.106,
216.597

60, 31.119,
222.270

70, 9.024, 216.256

58, 32.471,
224.623

72, 3.575, 216.127

74, 2.162, 35.651

57, 33.213,
227.514

76, 8.117, 35.812

57, 33.436,
228.647

79, 14.234, 35.895

81, 20.464, 36.014

83, 25.698, 36.732

Harmonies

Complementary

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



64, 22.824, 217.917



54, 32.263, 36.902

Rectangle

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



64, 22.824, 217.917



64, 22.824, 267.917



64, 22.824, 37.917



64, 22.824, 87.917

Sweetspot

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



64, 22.824, 217.915



88, 9.625, 216.209



67, 48.852, 145.498



47, 6.657, 216.258



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, 22.824, 217.915



79, 32.128, 219.068



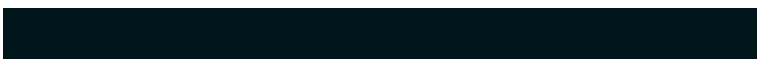
52, 32.789, 279.210



37, 3.187, 216.133



49, 29.737, 228.194



6, 7.593, 224.260

Inverse Universe

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



53, 48.711, 332.360



63, 70.866, 333.069



64, 32.987, 85.096



35, 6.007, 329.989



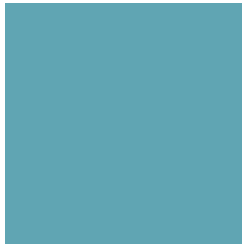
35, 69.324, 336.172



2, 13.723, 332.024

Previews

White Background



This preview shows how the CIE LCh color 64, 22.824, 217.917 looks on a white background.

Color Contrast Check

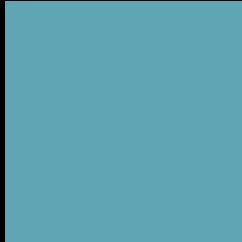
Large Text (above 18pt) WCAG AA × Fail

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 64, 22.824, 217.917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

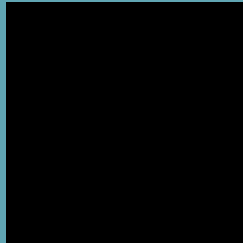
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

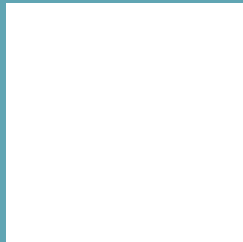
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 22.824, 217.917

Background



This preview shows how black text looks on a background with the CIELCh color 64, 22.824, 217.917.



This preview shows how white text looks on a background with the CIELCh color 64, 22.824, 217.917.

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, 22.824, 217.917

Protanopia
64, 10.614, 289.353

Deuteranopia
64, 17.455, 297.865



Tritanopia
64, 22.824, 217.917

Trichromacy



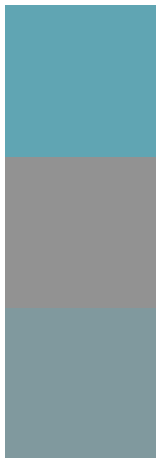
Original Color
64, 22.824, 217.917

Protanomaly
63, 13.082, 249.419

Deuteranomaly
63, 15.646, 262.732

Tritanomaly
64, 22.824, 217.917

Monochromacy



Original Color
64, 22.824, 217.917

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.432, 216.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 22.824, 217.917 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(96, 165, 179)` looks like.

```
.text, #text, p{  
    color:rgb(96, 165, 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(96, 165, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 165, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 22.824, 217.917 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(96, 165, 179) }
```

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

```
.border{ border-color:rgb(96, 165, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 165, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 165, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 165, 179);  
box-shadow:4px 4px 4px 4px rgb(96, 165,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 22.824, 217.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 165, 179) }
```

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

```
.background{ background-color: rgb(96, 165,  
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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