

Converting Colors

CIELCh(64, 23.058, 197.512)

Have a look what the booklet for
CIELCh(64, 23.058, 197.512)
contains.

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Color

CIELCh(64, 23.055, 197.470)

Conversions

Conversions Part 1

Format	Color
Hex	61A7A7
RGB	97, 167, 167
RGB Percent	38%, 65%, 65%
CMY	0.6210, 0.3465, 0.3465
CMYK	0.42, 0.00, 0.00, 0.35
HSL	180°, 28%, 52%
HSV	180°, 42%, 65%
XYZ	25.5843, 32.8017, 41.3663
YIQ	146.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

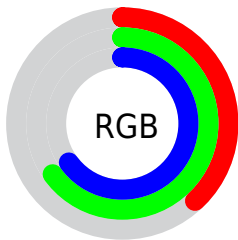
Format	Color
RYB	97, 132, 167
Decimal	6399911
CIELab	64.00, -21.99, -6.92
CIELCh	64, 23.055, 197.470
Yxy	32.8017, 0.2565, 0.3288
Android (android.graphics.Color)	4284589991 (0xFF61A7A7)
YUV	146.0700, 10.3185, -43.0344
Hunter-Lab	57.2727, -20.4894, -2.7323

Details

The CIELCh color **64, 23.055, 197.470** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **49, 30.934, 23.522**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 22.810, 197.856**, and **44, 23.117, 196.878** is the 20% darker color. If you saturate the color by 10%, you get **63, 27.118, 197.133**, and if you desaturate by 10%, it is **65, 18.344, 197.863**.

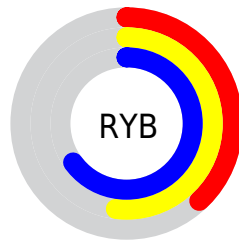
Distribution



Red (38%)

Green (65%)

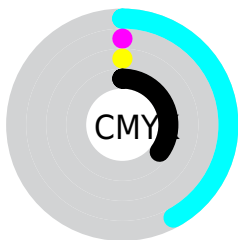
Blue (65%)



Red (38%)

Yellow (52%)

Blue (65%)

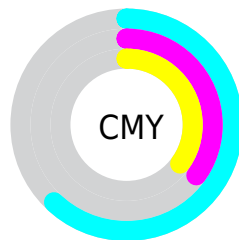


Cyan (42%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (62%)


Magenta (35%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 23.055, 197.470 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, 23.055, 197.470 by changing the saturation by 10% instead.

 64, 23.055,
197.470


 64, 23.055,
197.470


 100, 23.055,
197.470


 54, 23.055,
197.470


 84, 23.055,
197.470

 44, 23.055,
197.470

 94, 23.055,
197.470

 34, 23.055,
197.470

 24, 23.055,
197.470

 14, 23.055,
197.470

 4, 23.055, 197.470

 0, 23.055, 197.470

64, 23.055,
197.470

64, 23.055,
197.470

63, 27.118,
197.133

65, 18.344,
197.863

63, 30.460,
196.863

66, 13.076,
198.316

62, 33.038,
196.656

67, 7.348, 198.834

62, 34.847,
196.513

68, 1.257, 199.680

69, 5.107, 19.762

62, 35.930,
196.428

71, 11.664, 20.398

62, 36.444,
196.387

73, 18.347, 21.014

74, 25.100, 21.633

76, 31.880, 22.254

Harmonies

Complementary

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



64, 23.055, 197.470



49, 30.934, 23.522

Rectangle

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



64, 23.055, 197.470



64, 23.055, 247.470



64, 23.055, 17.470



64, 23.055, 67.470

Sweetspot

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



64, 23.055, 197.468



85, 9.821, 198.765



62, 47.086, 141.273



45, 6.886, 198.650



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 23.055, 197.468



81, 32.486, 197.167



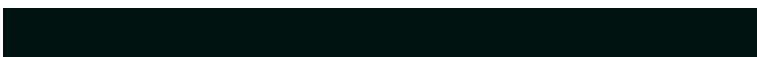
54, 22.658, 262.633



35, 3.516, 198.992



55, 33.387, 196.387



5, 6.572, 199.423

Inverse Universe

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



51, 46.975, 326.637



62, 68.144, 327.042



57, 25.504, 70.263



33, 6.429, 324.920



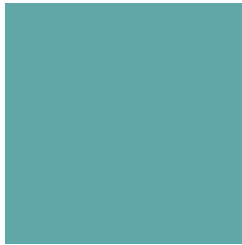
35, 76.993, 328.233



2, 11.673, 324.439

Previews

White Background



This preview shows how the CIELCh color 64, 23.055, 197.470 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, 23.055, 197.470 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, 23.055, 197.470

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.055, 197.470.

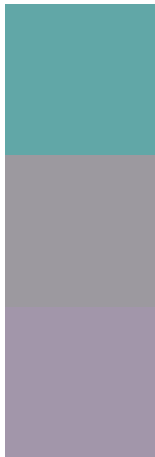


This preview shows how white text looks on a background with the CIELCh color 64, 23.055, 197.470.

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, 23.055, 197.470

Protanopia

64, 3.558, 309.201

Deuteranopia

64, 12.093, 312.961



Tritanopia
64, 21.767, 217.414

Trichromacy



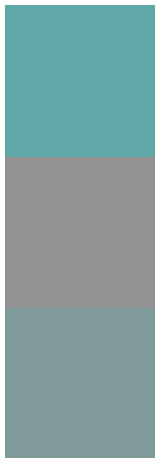
Original Color
64, 23.055, 197.470

Protanomaly
63, 8.949, 213.225

Deuteranomaly
63, 9.581, 248.541

Tritanomaly
64, 21.978, 209.471

Monochromacy



Original Color
64, 23.055, 197.470

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 9.560, 198.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.055, 197.470 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(97, 167, 167)` looks like.

```
.text, #text, p{  
    color:rgb(97, 167, 167)  
}
```

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(97, 167, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 167, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.055, 197.470 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(97, 167, 167) }
```

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

```
.border{ border-color:rgb(97, 167, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 167, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 167, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 167, 167);  
box-shadow:4px 4px 4px 4px rgb(97, 167,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.055, 197.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 167, 167) }
```

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

```
.background{ background-color: rgb(97, 167,  
167) }
```

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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