

Converting Colors

CIELCh(64, 23.381, 167.609)

Have a look what the booklet for
CIELCh(64, 23.381, 167.609)
contains.

CIELCh(64, 23.383, 167.309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 23.383, 167.309)

Conversions

Conversions Part 1

Format	Color
Hex	6FA691
RGB	111, 166, 145
RGB Percent	44%, 65%, 57%
CMY	0.5638, 0.3481, 0.4305
CMYK	0.33, 0.00, 0.13, 0.35
HSL	157°, 24%, 54%
HSV	157°, 33%, 65%
XYZ	25.3899, 32.8017, 31.8717
YIQ	147.1610, -26.0390, -18.1910

Conversions

Conversions Part 2

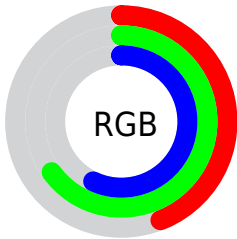
Format	Color
RYB	111, 145, 166
Decimal	7317137
CIELab	64.00, -22.81, 5.14
CIElCh	64, 23.383, 167.309
Yxy	32.8017, 0.2819, 0.3642
Android (android.graphics.Color)	4285507217 (0xFF6FA691)
YUV	147.1610, -1.0654, -31.7132
Hunter-Lab	57.2727, -21.0956, 7.0967

Details

The CIELCh color $64, 23.383, 167.309$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 25.068, 354.026$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 23.244, 167.809$, and $44, 23.436, 167.681$ is the 20% darker color. If you saturate the color by 10%, you get $63, 29.934, 166.104$, and if you desaturate by 10%, it is $65, 16.511, 168.399$.

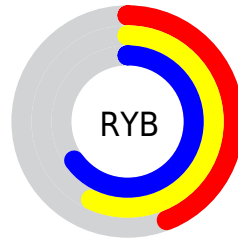
Distribution



Red (44%)

Green (65%)

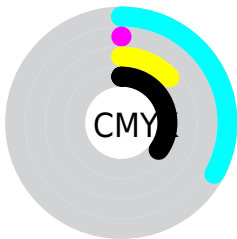
Blue (57%)



Red (44%)

Yellow (57%)

Blue (65%)

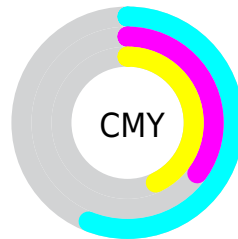


Cyan (33%)

Magenta (0%)

Yellow (13%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 23.383, 167.309 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, 23.383, 167.309 by changing the saturation by 10% instead.

 64, 23.383,
167.309


 64, 23.383,
167.309


 100, 23.383,
167.309


 54, 23.383,
167.309


 84, 23.383,
167.309

 44, 23.383,
167.309

 94, 23.383,
167.309

 34, 23.383,
167.309

 24, 23.383,
167.309

 14, 23.383,
167.309

 4, 23.383, 167.309

 0, 23.383, 167.309

■ 64, 23.383,
167.309

■ 64, 23.383,
167.309

■ 63, 29.934,
166.104

■ 65, 16.511,
168.399

■ 62, 36.042,
164.763

■ 66, 9.426, 169.405

■ 62, 41.598,
163.263

■ 68, 2.229, 170.447

■ 69, 4.995, 351.035

■ 61, 46.514,
161.578

■ 71, 12.179,
351.867

■ 61, 50.741,
159.693

■ 73, 19.274,
352.616

■ 60, 54.289,
157.606

■ 75, 26.243,
353.317

■ 60, 56.491,
156.133

■ 76, 33.061,
353.979

■ 78, 37.844,
352.746

Harmonies

Complementary

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



64, 23.383, 167.309



53, 25.068, 354.026

Rectangle

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



64, 23.383, 167.309



64, 23.383, 217.309



64, 23.383, 347.309



64, 23.383, 37.309

Sweetspot

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



64, 23.384, 167.307



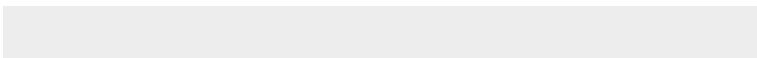
85, 8.945, 169.689



65, 33.117, 131.536



45, 6.149, 169.557



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, 23.384, 167.307



81, 34.640, 166.398



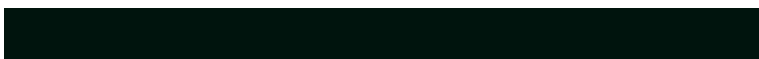
63, 16.879, 210.416



35, 4.121, 169.776



54, 51.623, 156.373



5, 7.954, 165.881

Inverse Universe

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



53, 25.068, 354.026



64, 37.726, 355.111



54, 21.336, 31.476



33, 4.203, 351.322



31, 56.580, 12.387



2, 7.323, 353.998

Previews

White Background



This preview shows how the CIELCh color 64, 23.383, 167.309 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, 23.383, 167.309 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, 23.383, 167.309

Background



This preview shows how black text looks on a background with the CIELCh color 64, 23.383, 167.309.

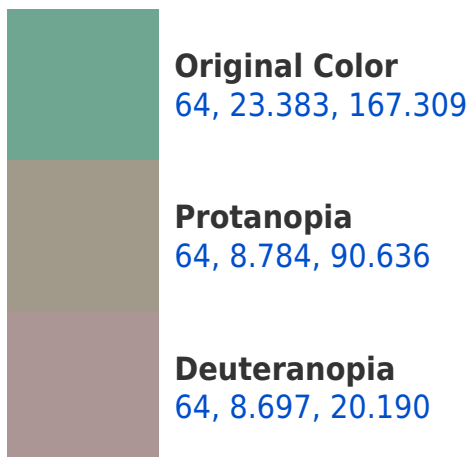


This preview shows how white text looks on a background with the CIELCh color 64, 23.383, 167.309.

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](#).

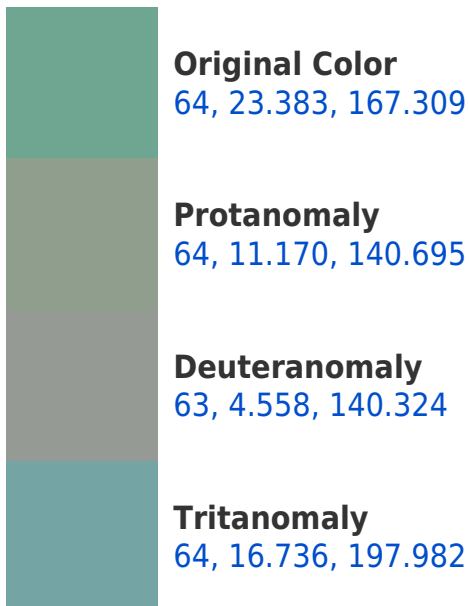
Dichromacy



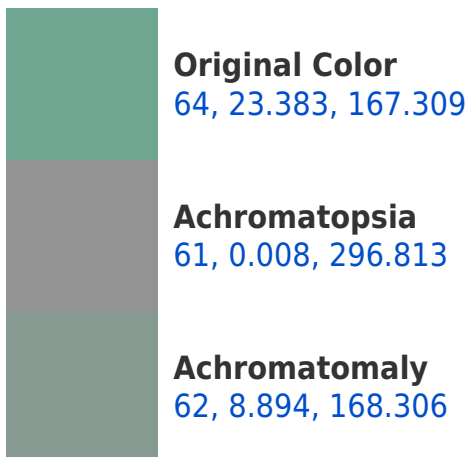


Tritanopia
64, 16.321, 224.839

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 23.383, 167.309 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, 166, 145)` looks like.

```
.text, #text, p{  
    color:rgb(111, 166, 145)  
}
```

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, 166, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 166, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 23.383, 167.309 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, 166, 145) }
```

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

```
.border{ border-color:rgb(111, 166, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 166, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 166, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 166, 145);  
box-shadow:4px 4px 4px 4px rgb(111, 166,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 23.383, 167.309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 166, 145) }
```

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

```
.background{ background-color: rgb(111,  
166, 145) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor