

Converting Colors

CIELCh(64, 10.579, 154.801)

Have a look what the booklet for
CIELCh(64, 10.579, 154.801)
contains.

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Color

CIELCh(64, 10.603, 155.493)

Conversions

Conversions Part 1

Format	Color
Hex	8CA093
RGB	140, 160, 147
RGB Percent	55%, 63%, 58%
CMY	0.4512, 0.3727, 0.4237
CMYK	0.13, 0.00, 0.08, 0.37
HSL	141°, 10%, 59%
HSV	141°, 13%, 63%
XYZ	28.6327, 32.8017, 32.4067
YIQ	152.5380, -7.7470, -8.2830

Conversions

Conversions Part 2

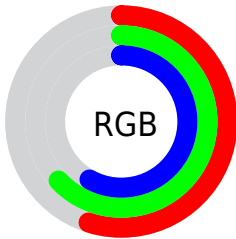
Format	Color
RYB	140, 155, 160
Decimal	9216147
CIELab	64.00, -9.65, 4.40
CIELCh	64, 10.603, 155.493
Yxy	32.8017, 0.3051, 0.3495
Android (android.graphics.Color)	4287406227 (0xFF8CA093)
YUV	152.5380, -2.7302, -10.9958
Hunter-Lab	57.2727, -10.9888, 6.5428

Details

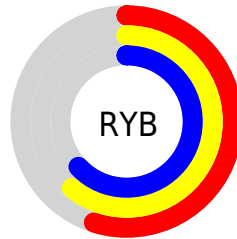
The CIELCh color $64, 10.603, 155.493$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60, 10.686, 337.239$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 10.658, 154.991$, and $44, 11.089, 153.721$ is the 20% darker color. If you saturate the color by 10%, you get $63, 19.110, 154.637$, and if you desaturate by 10%, it is $65, 2.110, 156.348$.

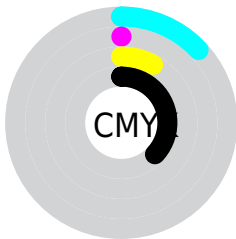
Distribution



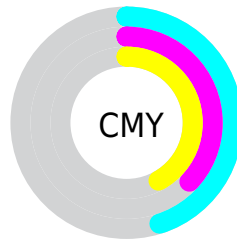
- Red (55%)
- Green (63%)
- Blue (58%)



- Red (55%)
- Yellow (61%)
- Blue (63%)



- Cyan (13%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)




- Cyan (45%)
- Magenta (37%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 10.603, 155.493 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, 10.603, 155.493 by changing the saturation by 10% instead.

 64, 10.603,
155.493


 64, 10.603,
155.493


 100, 10.603,
155.493


 54, 10.603,
155.493

 84, 10.603,
155.493

 44, 10.603,
155.493

 94, 10.603,
155.493

 34, 10.603,
155.493

 24, 10.603,
155.493

 14, 10.603,
155.493

 4, 10.603, 155.493

 0, 10.603, 155.493

■ 64, 10.603,
155.493

■ 64, 10.603,
155.493

■ 63, 19.110,
154.637

■ 65, 2.110, 156.348

■ 62, 27.519,
153.672

■ 67, 6.292, 336.818

■ 60, 35.704,
152.571

■ 69, 14.538,
337.435

■ 60, 43.518,
151.312

■ 71, 22.587,
337.974

■ 59, 50.814,
149.875

■ 73, 30.410,
338.460

■ 58, 57.450,
148.250

■ 75, 37.995,
338.902


■ 58, 63.317,
146.441


■ 77, 45.334,
339.308

■ 58, 68.352,

■ 77, 49.558,
335.437

144.476

 78, 53.391,
331.234

 57, 71.682,
143.030

Harmonies

Complementary

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



64, 10.603, 155.493



60, 10.686, 337.239

Rectangle

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



64, 10.603, 155.493



64, 10.603, 205.493



64, 10.603, 335.493



64, 10.603, 25.493

Sweetspot

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



64, 10.605, 155.491



83, 4.199, 156.182



65, 11.387, 122.388



44, 2.980, 156.118



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 10.605, 155.491



81, 15.834, 155.262



64, 7.724, 184.823



33, 4.743, 155.754



52, 65.641, 143.253



3, 6.277, 155.610

Inverse Universe

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



60, 10.686, 337.239



76, 15.975, 337.452



60, 8.147, 6.919



31, 4.773, 336.990



31, 58.417, 348.165



1, 6.048, 337.866

Previews

White Background



This preview shows how the CIELCh color 64, 10.603, 155.493 looks on a white background.

Color Contrast Check

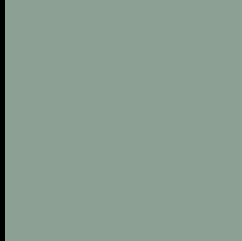
Large Text (above 18pt) WCAG AA × Fail

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, 10.603, 155.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

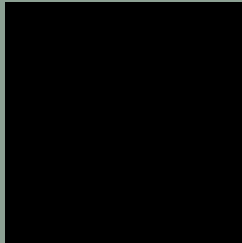
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

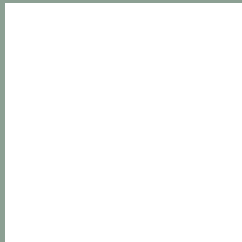
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 10.603, 155.493

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.603, 155.493.

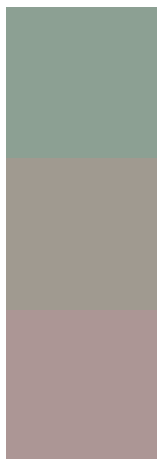


This preview shows how white text looks on a background with the CIELCh color 64, 10.603, 155.493.

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

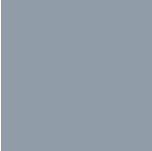
64, 10.603, 155.493

Protanopia

64, 6.030, 86.377

Deuteranopia

64, 8.725, 23.812



Tritanopia
64, 8.087, 255.207

Trichromacy



Original Color
64, 10.603, 155.493

Protanomaly
64, 6.231, 120.369

Deuteranomaly
64, 4.064, 74.452

Tritanomaly
64, 5.765, 215.914

Monochromacy



Original Color
64, 10.603, 155.493

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.896, 153.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.603, 155.493 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(140, 160, 147)` looks like.

```
.text, #text, p{  
    color:rgb(140, 160, 147)  
}
```

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(140, 160, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 160, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.603, 155.493 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(140, 160, 147) }
```

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

```
.border{ border-color:rgb(140, 160, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 160, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 160, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 160, 147);  
box-shadow:4px 4px 4px 4px rgb(140, 160,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.603, 155.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 160, 147) }
```

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

```
.background{ background-color: rgb(140,  
160, 147) }
```

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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