

Converting Colors

CIELCh(64, 4.771, 10.814)

Have a look what the booklet for
CIELCh(64, 4.771, 10.814) contains.

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Color

CIELCh(64, 4.796, 6.378)

Conversions

Conversions Part 1

Format	Color
Hex	A4989A
RGB	164, 152, 154
RGB Percent	64%, 60%, 60%
CMY	0.3558, 0.4029, 0.3951
CMYK	0.00, 0.07, 0.06, 0.36
HSL	350°, 6%, 62%
HSV	350°, 7%, 64%
XYZ	32.4878, 32.8017, 35.3032
YIQ	155.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

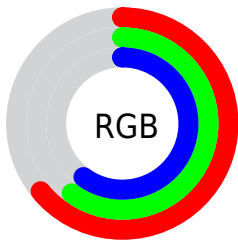
Format	Color
RYB	164, 152, 154
Decimal	10786970
CIELab	64.00, 4.77, 0.53
CIELCh	64, 4.796, 6.378
Yxy	32.8017, 0.3230, 0.3261
Android (android.graphics.Color)	4288977050 (0xFFA4989A)
YUV	155.8160, -0.8953, 7.1774
Hunter-Lab	57.2727, 1.0262, 3.5443

Details

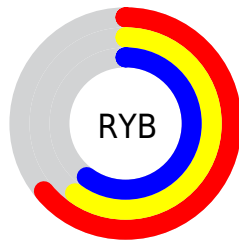
The CIELCh color $64, 4.796, 6.378$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 4.646, 185.323$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 4.887, 7.241$, and $44, 4.761, 5.437$ is the 20% darker color. If you saturate the color by 10%, you get $59, 11.675, 7.461$, and if you desaturate by 10%, it is $69, 1.713, 185.889$.

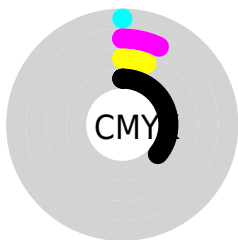
Distribution



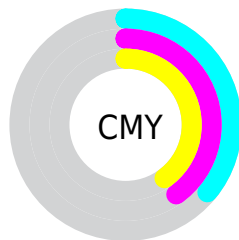
- Red (64%)
- Green (60%)
- Blue (60%)



- Red (64%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 4.796, 6.378 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, 4.796, 6.378 by changing the saturation by 10% instead.

 64, 4.796, 6.378

 64, 4.796, 6.378

 100, 4.796, 6.378

 54, 4.796, 6.378

 84, 4.796, 6.378

 44, 4.796, 6.378

 94, 4.796, 6.378

 34, 4.796, 6.378

 24, 4.796, 6.378

 14, 4.796, 6.378


 4, 4.796, 6.378

 0, 4.796, 6.378

 64, 4.796, 6.378

 64, 4.796, 6.378

 59, 11.675, 7.461

 69, 1.713, 185.889

55, 18.902, 8.687

74, 7.850, 184.941

50, 26.406, 10.169

78, 13.636,
184.268

46, 34.054, 12.001

83, 19.098,
183.685

43, 41.642, 14.299

40, 48.905, 17.201

88, 24.267,
183.168

37, 55.577, 20.836

93, 29.172,
182.704

35, 61.480, 25.246

34, 66.647, 30.150

94, 28.758,
192.559

95, 28.283,
197.674

Harmonies

Complementary

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



64, 4.796, 6.378



66, 4.646, 185.323

Rectangle

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



64, 4.796, 6.378



64, 4.796, 56.378



64, 4.796, 186.378



64, 4.796, 236.378

Sweetspot

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



64, 4.794, 6.393



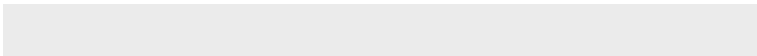
85, 1.607, 5.677



64, 7.728, 320.099



45, 0.912, 5.646



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 4.794, 6.393



80, 7.368, 6.588



65, 3.812, 55.021



32, 3.712, 6.598



30, 61.857, 30.765



1, 5.609, 7.071

Inverse Universe

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



64, 4.794, 6.393



80, 7.368, 6.588



65, 3.684, 236.431



32, 3.712, 6.598



30, 61.857, 30.765



1, 5.609, 7.071

Previews

White Background



This preview shows how the CIELCh color 64, 4.796, 6.378 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, 4.796, 6.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

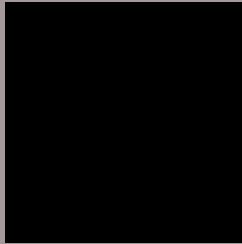
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

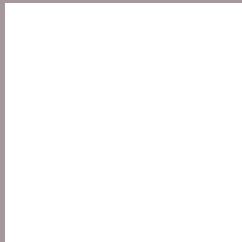
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 4.796, 6.378

Background



This preview shows how black text looks on a background with the CIELCh color 64, 4.796, 6.378.



This preview shows how white text looks on a background with the CIELCh color 64, 4.796, 6.378.

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, 4.796, 6.378

Protanopia

64, 1.644, 359.492

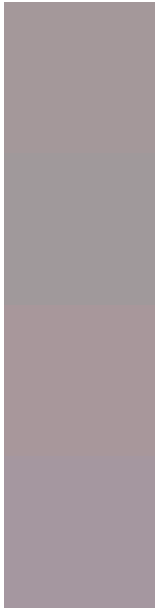
Deuteranopia

64, 8.278, 0.587



Tritanopia
64, 8.591, 329.076

Trichromacy



Original Color

64, 4.796, 6.378

Protanomaly

64, 2.931, 357.215

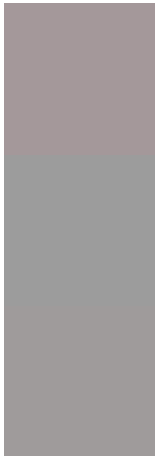
Deuteranomaly

64, 6.982, 1.486

Tritanomaly

64, 7.375, 337.251

Monochromacy



Original Color

64, 4.796, 6.378

Achromatopsia

64, 0.008, 296.813

Achromatomaly

64, 1.540, 19.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 4.796, 6.378 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(164, 152, 154)` looks like.

```
.text, #text, p{  
    color:rgb(164, 152, 154)  
}
```

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(164, 152, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 152, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 4.796, 6.378 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(164, 152, 154) }
```

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

```
.border{ border-color:rgb(164, 152, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 152, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 152, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 152, 154);  
box-shadow:4px 4px 4px 4px rgb(164, 152,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 4.796, 6.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 152, 154) }
```

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

```
.background{ background-color: rgb(164,  
152, 154) }
```

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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