

Converting Colors

CIELCh(64, 26.695, 53.299)

Have a look what the booklet for
CIELCh(64, 26.695, 53.299) contains.

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Color

CIELCh(64, 26.636, 53.348)

Conversions

Conversions Part 1

Format	Color
Hex	C39076
RGB	195, 144, 118
RGB Percent	76%, 56%, 46%
CMY	0.2358, 0.4357, 0.5377
CMYK	0.00, 0.26, 0.40, 0.24
HSL	20°, 39%, 61%
HSV	20°, 40%, 76%
XYZ	35.6918, 32.8017, 21.5544
YIQ	156.2850, 38.7420, 2.7260

Conversions

Conversions Part 2

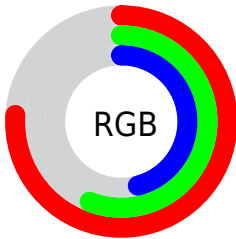
Format	Color
RYB	195, 157, 118
Decimal	12816502
CIELab	64.00, 15.90, 21.37
CIElCh	64, 26.636, 53.348
Yxy	32.8017, 0.3964, 0.3643
Android (android.graphics.Color)	4291006582 (0xFFC39076)
YUV	156.2850, -18.8745, 33.9531
Hunter-Lab	57.2727, 11.0120, 17.7773

Details

The CIELCh color $64, 26.636, 53.348$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $67, 21.247, 241.353$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 26.725, 53.694$, and $44, 26.656, 53.344$ is the 20% darker color. If you saturate the color by 10%, you get $61, 34.618, 52.805$, and if you desaturate by 10%, it is $68, 19.173, 53.985$.

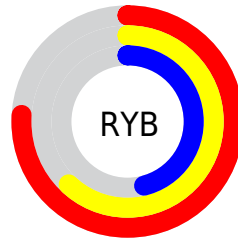
Distribution



Red (76%)

Green (56%)

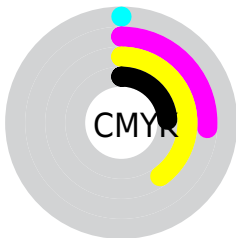
Blue (46%)



Red (76%)

Yellow (62%)

Blue (46%)

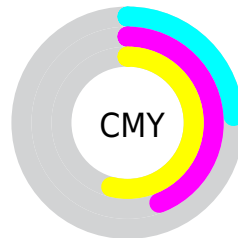


Cyan (0%)

Magenta (26%)

Yellow (40%)

Black (24%)



Cyan (24%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 26.636, 53.348 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, 26.636, 53.348 by changing the saturation by 10% instead.

64, 26.636, 53.348

64, 26.636, 53.348

100, 26.636,
53.348

54, 26.636, 53.348

84, 26.636, 53.348

44, 26.636, 53.348

94, 26.636, 53.348

34, 26.636, 53.348

24, 26.636, 53.348

14, 26.636, 53.348

4, 26.636, 53.348

0, 26.636, 53.348

64, 26.636, 53.348

64, 26.636, 53.348

61, 34.618, 52.805

68, 19.173, 53.985

57, 43.085, 52.342

71, 12.221, 54.682

54, 51.902, 51.930

75, 5.747, 55.402

51, 60.735, 51.456

79, 0.294, 237.903

49, 68.849, 50.641

83, 5.946, 237.189

46, 75.426, 49.277

87, 11.255,
237.983

46, 75.758, 49.235

91, 16.262,
238.799

94, 17.415,
211.923

96, 19.652,
198.209

Harmonies

Complementary

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



64, 26.636, 53.348



67, 21.247, 241.353

Rectangle

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



64, 26.636, 53.348



64, 26.636, 103.348



64, 26.636, 233.348



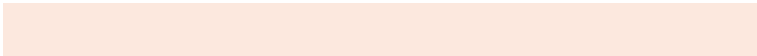
64, 26.636, 283.348

Sweetspot

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



64, 26.635, 53.354



93, 9.037, 55.212



59, 40.190, 338.748



50, 6.072, 55.115



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 26.635, 53.354



78, 40.295, 52.896



74, 34.617, 97.845



39, 3.410, 55.412



38, 65.316, 49.753



5, 11.733, 42.111

Inverse Universe

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



67, 21.247, 241.353



82, 30.391, 243.083



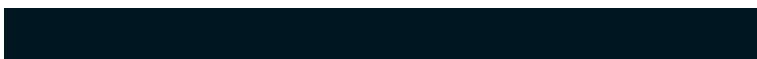
56, 36.787, 288.201



39, 3.259, 237.172



43, 36.734, 262.218



6, 10.864, 251.022

Previews

White Background



This preview shows how the CIELCh color 64, 26.636, 53.348 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, 26.636, 53.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

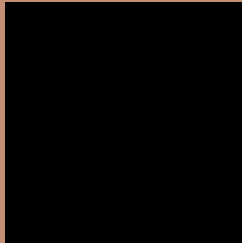
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 26.636, 53.348

Background



This preview shows how black text looks on a background with the CIELCh color 64, 26.636, 53.348.



This preview shows how white text looks on a background with the CIELCh color 64, 26.636, 53.348.

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, 26.636, 53.348

Protanopia

64, 18.200, 95.018

Deuteranopia

64, 23.185, 69.403



Tritanopia
64, 24.263, 7.568

Trichromacy



Original Color
64, 26.636, 53.348

Protanomaly
64, 19.831, 76.189

Deuteranomaly
64, 24.214, 63.281

Tritanomaly
64, 23.173, 25.744

Monochromacy



Original Color
64, 26.636, 53.348

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.129, 57.197

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 26.636, 53.348 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(195, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(195, 144, 118)  
}
```

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(195, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 144, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 26.636, 53.348 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(195, 144, 118) }
```

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

```
.border{ border-color:rgb(195, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(195, 144,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 26.636, 53.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 144, 118) }
```

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

```
.background{ background-color: rgb(195,  
144, 118) }
```

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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