

Converting Colors

CIELCh(64, 24.056, 33.437)

Have a look what the booklet for
CIELCh(64, 24.056, 33.437) contains.

CIELCh(64, 24.056, 33.437)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 24.056, 33.437)

Conversions

Conversions Part 1

Format	Color
Hex	C58D84
RGB	197, 141, 132
RGB Percent	77%, 55%, 52%
CMY	0.2255, 0.4452, 0.4806
CMYK	0.00, 0.28, 0.33, 0.23
HSL	8°, 36%, 65%
HSV	8°, 33%, 77%
XYZ	36.9452, 32.8017, 26.3764
YIQ	156.7180, 36.2650, 9.0730

Conversions

Conversions Part 2

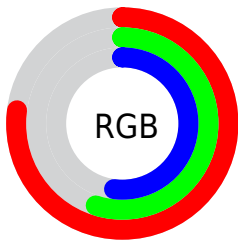
Format	Color
R _Y B	197, 142, 132
Decimal	12946820
CIE Lab	64.00, 20.07, 13.26
CIE LCh	64, 24.056, 33.437
Yxy	32.8017, 0.3844, 0.3412
Android (android.graphics.Color)	4291136900 (0xFFC58D84)
YUV	156.7180, -12.1860, 35.3273
Hunter-Lab	57.2727, 14.9184, 12.7855

Details

The CIELCh color `64, 24.056, 33.437` is a light color, and the websafe version is hex `CC9999`. A complement of this color would be `73, 18.997, 213.104`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 24.082, 33.594`, and `44, 24.269, 32.246` is the 20% darker color. If you saturate the color by 10%, you get `60, 32.656, 34.114`, and if you desaturate by 10%, it is `69, 16.069, 32.992`.

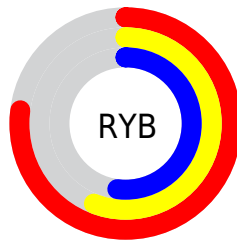
Distribution



Red (77%)

Green (55%)

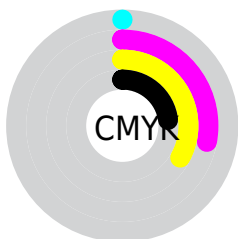
Blue (52%)



Red (77%)

Yellow (56%)

Blue (52%)

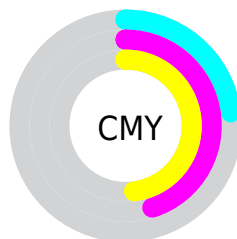


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (23%)



Cyan (23%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 24.056, 33.437 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, 24.056, 33.437 by changing the saturation by 10% instead.

64, 24.056, 33.437

64, 24.056, 33.437

100, 24.056,
33.437

54, 24.056, 33.437

84, 24.056, 33.437

44, 24.056, 33.437

94, 24.056, 33.437

34, 24.056, 33.437

24, 24.056, 33.437

14, 24.056, 33.437

4, 24.056, 33.437

0, 24.056, 33.437

64, 24.056, 33.437

64, 24.056, 33.437

60, 32.656, 34.114

69, 16.069, 32.992

■ 55, 41.834, 35.062

■ 73, 8.693, 32.699

■ 52, 51.476, 36.328

■ 78, 1.892, 32.344

■ 48, 61.345, 37.906

■ 83, 4.382, 212.732

■ 46, 70.956, 39.642

■ 88, 10.182,
212.708

■ 43, 79.238, 41.044

■ 93, 15.564,
212.793

■ 42, 83.855, 41.819

■ 96, 18.862,
198.259

Harmonies

Complementary

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



64, 24.056, 33.437



73, 18.997, 213.104

Rectangle

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



64, 24.056, 33.437



64, 24.056, 83.437



64, 24.056, 213.437



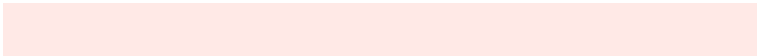
64, 24.056, 263.437

Sweetspot

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



64, 24.054, 33.443



94, 8.176, 32.633



64, 38.986, 330.277



49, 5.611, 32.667



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, 24.054, 33.443



77, 37.091, 33.935



72, 24.475, 84.079



39, 3.777, 32.615



35, 72.422, 42.000



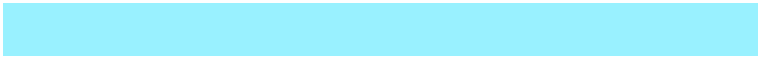
4, 14.623, 27.243

Inverse Universe

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



73, 18.997, 213.104



90, 27.448, 213.452



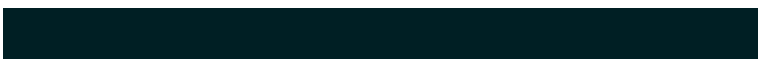
64, 23.954, 273.638



41, 3.557, 212.702



54, 31.314, 221.930



10, 11.478, 215.710

Previews

White Background



This preview shows how the CIELCh color 64, 24.056, 33.437 looks on a white background.

Color Contrast Check

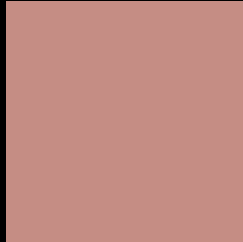
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 64, 24.056, 33.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

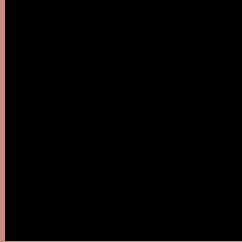
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 24.056, 33.437

Background



This preview shows how black text looks on a background with the CIELCh color 64, 24.056, 33.437.

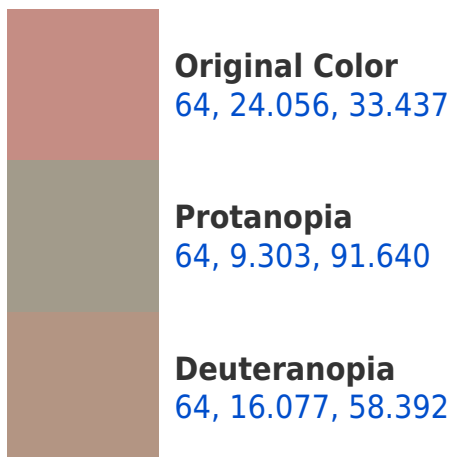


This preview shows how white text looks on a background with the CIELCh color 64, 24.056, 33.437.

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, 24.657, 7.856

Trichromacy



Original Color
64, 24.056, 33.437

Protanomaly
64, 12.554, 55.040

Deuteranomaly
64, 18.501, 45.392

Tritanomaly
64, 23.612, 16.517

Monochromacy



Original Color
64, 24.056, 33.437

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 8.499, 31.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 24.056, 33.437 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(197, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(197, 141, 132)  
}
```

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(197, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 141, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 24.056, 33.437 is called "border". The border property can be set on classes, ids or directly on the HTML element.

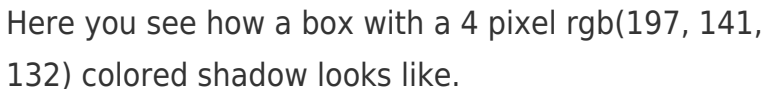
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 141, 132) }
```

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

```
.border{ border-color:rgb(197, 141, 132) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(197, 141,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 24.056, 33.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 141, 132) }
```

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

```
.background{ background-color: rgb(197,  
141, 132) }
```

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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