

Converting Colors

CIELCh(62, 29.349, 37.882)

Have a look what the booklet for
CIELCh(62, 29.349, 37.882) contains.

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Color

CIELCh(62, 29.443, 38.274)

Conversions

Conversions Part 1

Format	Color
Hex	C78677
RGB	199, 134, 119
RGB Percent	78%, 53%, 47%
CMY	0.2208, 0.4755, 0.5344
CMYK	0.00, 0.33, 0.40, 0.22
HSL	11°, 42%, 62%
HSV	11°, 40%, 78%
XYZ	35.2758, 30.4025, 21.3793
YIQ	151.7250, 43.5550, 9.1150

Conversions

Conversions Part 2

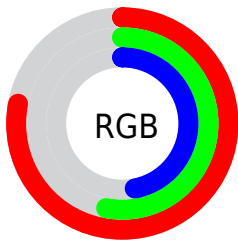
Format	Color
R_{YB}	199, 137, 119
Decimal	13076087
CIE Lab	62.00, 23.11, 18.24
CIE LCh	62, 29.443, 38.274
Yxy	30.4025, 0.4052, 0.3492
Android (android.graphics.Color)	4291266167 (0xFFC78677)
YUV	151.7250, -16.1334, 41.4602
Hunter-Lab	55.1385, 17.7062, 15.6079

Details

The CIELCh color **62, 29.443, 38.274** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71, 21.968, 220.011**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.432, 39.506**, and **42, 29.319, 38.121** is the 20% darker color. If you saturate the color by 10%, you get **58, 38.264, 38.789**, and if you desaturate by 10%, it is **66, 21.227, 37.982**.

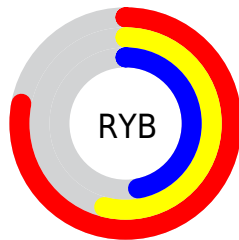
Distribution



Red (78%)

Green (53%)

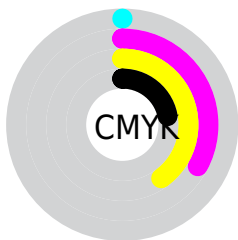
Blue (47%)



Red (78%)

Yellow (54%)

Blue (47%)

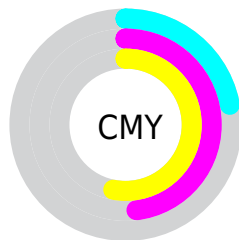


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 29.443, 38.274 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 62, 29.443, 38.274 by changing the saturation by 10% instead.

62, 29.443, 38.274

62, 29.443, 38.274

100, 29.443,
38.274

52, 29.443, 38.274

82, 29.443, 38.274

42, 29.443, 38.274

92, 29.443, 38.274

32, 29.443, 38.274

22, 29.443, 38.274

12, 29.443, 38.274

2, 29.443, 38.274

0, 29.443, 38.274

62, 29.443, 38.274

62, 29.443, 38.274

58, 38.264, 38.789

66, 21.227, 37.982

54, 47.630, 39.543

71, 13.627, 37.853

51, 57.368, 40.540

75, 6.616, 37.833

48, 67.098, 41.671

80, 0.149, 34.393

45, 75.967, 42.586

85, 5.827, 218.339

43, 82.795, 43.016

89, 11.365,
218.553

94, 16.205,
213.777

96, 18.497,
198.282

Harmonies

Complementary

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



62, 29.443, 38.274



71, 21.968, 220.011

Rectangle

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



62, 29.443, 38.274



62, 29.443, 88.274



62, 29.443, 218.274



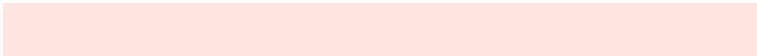
62, 29.443, 268.274

Sweetspot

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



62, 29.441, 38.279



93, 9.567, 37.834



61, 45.971, 332.522



49, 6.380, 37.834



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 29.441, 38.279



74, 44.493, 38.695



72, 31.466, 87.243



40, 3.653, 37.833



36, 71.179, 43.324



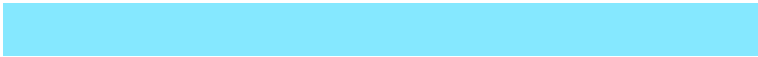
5, 14.250, 30.324

Inverse Universe

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



71, 21.968, 220.011



87, 30.802, 220.892



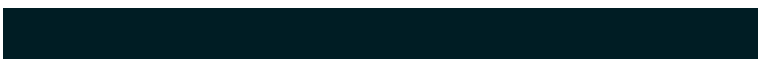
60, 31.515, 279.113



41, 3.445, 218.347



51, 31.286, 232.465



9, 11.207, 224.029

Previews

White Background



This preview shows how the CIELCh color 62, 29.443, 38.274 looks on a white background.

Color Contrast Check

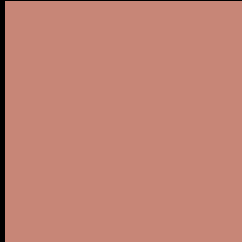
Large Text (above 18pt) WCAG AA × Fail

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 62, 29.443, 38.274 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 62, 29.443, 38.274

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.443, 38.274.



This preview shows how white text looks on a background with the CIELCh color 62, 29.443, 38.274.

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
62, 28.862, 12.745

Trichromacy



Original Color
62, 29.443, 38.274

Protanomaly
62, 17.063, 63.244

Deuteranomaly
62, 22.777, 53.108

Tritanomaly
62, 28.315, 22.408

Monochromacy



Original Color
62, 29.443, 38.274

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 9.890, 39.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.443, 38.274 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(199, 134, 119)` looks like.

```
.text, #text, p{  
    color:rgb(199, 134, 119)  
}
```

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(199, 134, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 134, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.443, 38.274 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(199, 134, 119) }
```

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

```
.border{ border-color:rgb(199, 134, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 134, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 134, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 134, 119);  
box-shadow:4px 4px 4px 4px rgb(199, 134,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.443, 38.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 134, 119) }
```

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

```
.background{ background-color: rgb(199,  
134, 119) }
```

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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