

Converting Colors

CIELCh(62, 36.081, 56.552)

Have a look what the booklet for
CIELCh(62, 36.081, 56.552) contains.

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Color

CIELCh(62, 36.450, 56.185)

Conversions

Conversions Part 1

Format	Color
Hex	C78761
RGB	199, 135, 97
RGB Percent	78%, 53%, 38%
CMY	0.2189, 0.4700, 0.6190
CMYK	0.00, 0.32, 0.51, 0.22
HSL	22°, 48%, 58%
HSV	22°, 51%, 78%
XYZ	34.4490, 30.4025, 15.3977
YIQ	149.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

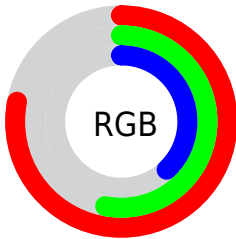
Format	Color
RYB	199, 158, 97
Decimal	13076321
CIELab	62.00, 20.28, 30.28
CIElCh	62, 36.450, 56.185
Yxy	30.4025, 0.4293, 0.3789
Android (android.graphics.Color)	4291266401 (0xFFC78761)
YUV	149.8040, -26.0324, 43.1449
Hunter-Lab	55.1385, 15.0296, 22.0399

Details

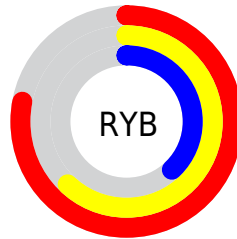
The CIELCh color **62, 36.450, 56.185** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 27.662, 248.980**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 35.411, 57.946**, and **42, 36.264, 56.102** is the 20% darker color. If you saturate the color by 10%, you get **59, 44.981, 55.500**, and if you desaturate by 10%, it is **65, 28.352, 56.931**.

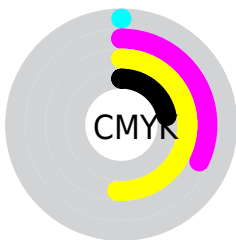
Distribution



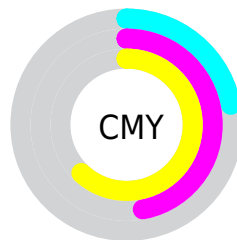
- Red (78%)
- Green (53%)
- Blue (38%)



- Red (78%)
- Yellow (62%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (51%)
- Black (22%)



- Cyan (22%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 36.450, 56.185 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, 36.450, 56.185 by changing the saturation by 10% instead.

62, 36.450, 56.185

62, 36.450, 56.185

100, 36.450,
56.185

52, 36.450, 56.185

82, 36.450, 56.185

42, 36.450, 56.185

92, 36.450, 56.185

32, 36.450, 56.185

22, 36.450, 56.185

12, 36.450, 56.185

2, 36.450, 56.185

0, 36.450, 56.185

62, 36.450, 56.185

62, 36.450, 56.185

59, 44.981, 55.500

65, 28.352, 56.931

56, 53.777, 54.814

69, 20.744, 57.732

53, 62.433, 53.995

72, 13.625, 58.581

50, 70.112, 52.729

76, 6.968, 59.448

48, 75.565, 51.194

80, 0.731, 59.808

84, 5.127, 241.464

87, 10.650,
242.352

91, 15.401,
241.005

94, 16.250,
212.039

Harmonies

Complementary

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



62, 36.450, 56.185



64, 27.662, 248.980

Rectangle

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



62, 36.450, 56.185



62, 36.450, 106.185



62, 36.450, 236.185



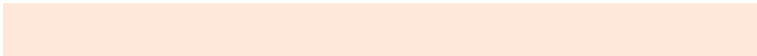
62, 36.450, 286.185

Sweetspot

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



62, 36.449, 56.190



93, 11.532, 59.103



55, 51.035, 341.581



49, 7.925, 58.917



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, 36.449, 56.190



74, 54.880, 55.455



75, 46.645, 98.475



40, 3.495, 59.604



40, 64.856, 51.748



6, 13.222, 43.950

Inverse Universe

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



64, 27.662, 248.980



76, 38.962, 252.121



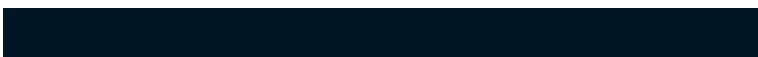
49, 51.691, 292.348



40, 3.355, 241.593



42, 39.685, 267.858



6, 12.118, 256.138

Previews

White Background



This preview shows how the CIELCh color 62, 36.450, 56.185 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 62, 36.450, 56.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

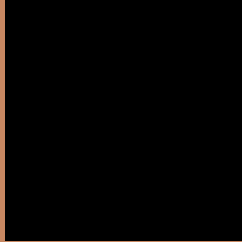
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 36.450, 56.185

Background



This preview shows how black text looks on a background with the CIELCh color 62, 36.450, 56.185.



This preview shows how white text looks on a background with the CIELCh color 62, 36.450, 56.185.

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

62, 36.450, 56.185

Protanopia

62, 26.565, 95.983

Deuteranopia

62, 32.172, 76.328



Tritanopia
62, 30.124, 13.335

Trichromacy



Original Color
62, 36.450, 56.185

Protanomaly
62, 28.261, 78.599

Deuteranomaly
62, 33.222, 68.252

Tritanomaly
62, 30.219, 30.755

Monochromacy



Original Color
62, 36.450, 56.185

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 12.337, 59.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 36.450, 56.185 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, 135, 97)` looks like.

```
.text, #text, p{  
    color:rgb(199, 135, 97)  
}
```

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, 135, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 135, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 36.450, 56.185 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, 135, 97) }
```

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

```
.border{ border-color:rgb(199, 135, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 135, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 135, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 135, 97);  
box-shadow:4px 4px 4px 4px rgb(199, 135,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 36.450, 56.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 135, 97) }
```

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

```
.background{ background-color: rgb(199,  
135, 97) }
```

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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