

Converting Colors

CIELCh(62, 43.245, 77.259)

Have a look what the booklet for
CIELCh(62, 43.245, 77.259) contains.

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Color

CIELCh(62, 43.258, 77.395)

Conversions

Conversions Part 1

Format	Color
Hex	BB8E4A
RGB	187, 142, 74
RGB Percent	73%, 56%, 29%
CMY	0.2667, 0.4431, 0.7098
CMYK	0.00, 0.24, 0.60, 0.27
HSL	36°, 45%, 51%
HSV	36°, 60%, 73%
XYZ	31.3998, 30.4025, 10.6909
YIQ	147.7030, 48.6480, -11.6080

Conversions

Conversions Part 2

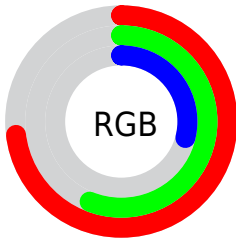
Format	Color
RYB	149, 187, 74
Decimal	12291658
CIELab	62.00, 9.44, 42.22
CIELCh	62, 43.258, 77.395
Yxy	30.4025, 0.4331, 0.4194
Android (android.graphics.Color)	4290481738 (0xFFBB8E4A)
YUV	147.7030, -36.3356, 34.4635
Hunter-Lab	55.1385, 5.1583, 27.1011

Details

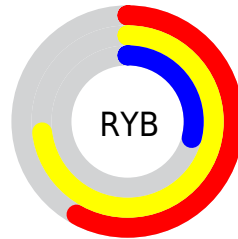
The CIELCh color **62, 43.258, 77.395** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **50, 40.827, 277.955**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 43.264, 77.544**, and **42, 43.093, 77.695** is the 20% darker color. If you saturate the color by 10%, you get **60, 50.482, 75.838**, and if you desaturate by 10%, it is **64, 35.802, 78.861**.

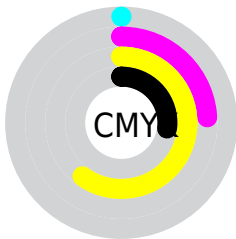
Distribution



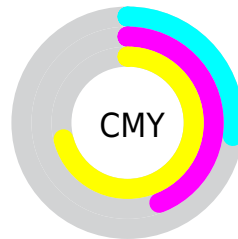
- Red (73%)
- Green (56%)
- Blue (29%)



- Red (58%)
- Yellow (73%)
- Blue (29%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 43.258, 77.395 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, 43.258, 77.395 by changing the saturation by 10% instead.

62, 43.258, 77.395

62, 43.258, 77.395

100, 43.258,
77.395

52, 43.258, 77.395

82, 43.258, 77.395

42, 43.258, 77.395

92, 43.258, 77.395

32, 43.258, 77.395

22, 43.258, 77.395

12, 43.258, 77.395

2, 43.258, 77.395

0, 43.258, 77.395

62, 43.258, 77.395

62, 43.258, 77.395

60, 50.482, 75.838

64, 35.802, 78.861

■ 58, 57.025, 74.085

■ 66, 28.357, 80.267

■ 56, 62.176, 71.961

■ 69, 21.045, 81.633

■ 54, 65.573, 69.530

■ 71, 13.919, 82.960

■ 73, 6.997, 84.238

■ 76, 0.276, 84.537

■ 78, 6.255, 266.787

■ 81, 12.608,
267.927

■ 83, 18.802,
269.032

Harmonies

Complementary

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



62, 43.258, 77.395



50, 40.827, 277.955

Rectangle

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



62, 43.258, 77.395



62, 43.258, 127.395



62, 43.258, 257.395



62, 43.258, 307.395

Sweetspot

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



62, 43.258, 77.399



90, 15.086, 83.238



48, 49.910, 357.550



48, 10.616, 82.857



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



62, 43.258, 77.399



75, 64.426, 75.211



73, 57.674, 109.488



39, 3.824, 84.369



46, 57.877, 69.995



7, 10.495, 71.550

Inverse Universe

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



50, 40.827, 277.955



57, 61.316, 282.621



39, 68.516, 301.681



38, 3.795, 266.865



29, 60.562, 292.045



3, 12.736, 275.458

Previews

White Background



This preview shows how the CIELCh color 62, 43.258, 77.395 looks on a white background.

Color Contrast Check

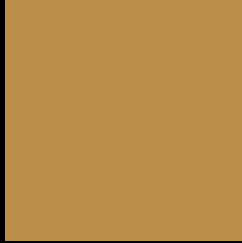
Large Text (above 18pt) WCAG AA × Fail

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, 43.258, 77.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

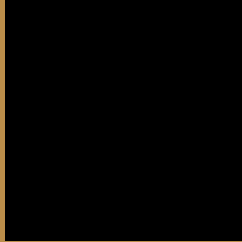
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.258, 77.395

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.258, 77.395.



This preview shows how white text looks on a background with the CIELCh color 62, 43.258, 77.395.

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, 43.258, 77.395

Protanopia

62, 40.408, 95.426

Deuteranopia

62, 42.965, 79.238



Tritanopia
62, 24.350, 8.959

Trichromacy



Original Color
62, 43.258, 77.395

Protanomaly
62, 40.869, 88.314

Deuteranomaly
62, 43.196, 78.710

Tritanomaly
62, 25.532, 44.289

Monochromacy



Original Color
62, 43.258, 77.395

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 15.546, 83.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.258, 77.395 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(187, 142, 74)` looks like.

```
.text, #text, p{  
    color:rgb(187, 142, 74)  
}
```

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(187, 142, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 142, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.258, 77.395 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(187, 142, 74) }
```

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

```
.border{ border-color:rgb(187, 142, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 142, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 142, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 142, 74);  
box-shadow:4px 4px 4px 4px rgb(187, 142,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.258, 77.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 142, 74) }
```

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

```
.background{ background-color: rgb(187,  
142, 74) }
```

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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