

Converting Colors

CIELCh(61, 42.098, 75.590)

Have a look what the booklet for
CIELCh(61, 42.098, 75.590) contains.

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Color

CIELCh(61, 42.273, 75.995)

Conversions

Conversions Part 1

Format	Color
Hex	B98B4A
RGB	185, 139, 74
RGB Percent	73%, 55%, 29%
CMY	0.2748, 0.4551, 0.7100
CMYK	0.00, 0.25, 0.60, 0.27
HSL	35°, 44%, 51%
HSV	35°, 60%, 73%
XYZ	30.4502, 29.2481, 10.5094
YIQ	145.3440, 48.2810, -10.4630

Conversions

Conversions Part 2

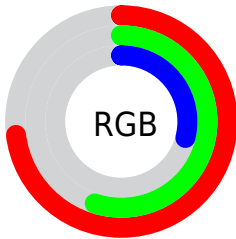
Format	Color
RYB	153, 185, 74
Decimal	12159818
CIELab	61.00, 10.23, 41.02
CIELCh	61, 42.273, 75.995
Yxy	29.2481, 0.4337, 0.4166
Android (android.graphics.Color)	4290349898 (0xFFB98B4A)
YUV	145.3440, -35.1726, 34.7783
Hunter-Lab	54.0815, 5.8603, 26.3356

Details

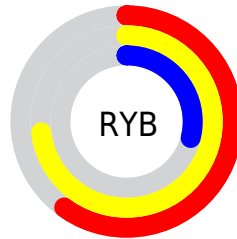
The CIELCh color **61, 42.273, 75.995** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **50, 39.233, 276.393**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 42.092, 75.389**, and **41, 42.503, 75.720** is the 20% darker color. If you saturate the color by 10%, you get **59, 49.503, 74.455**, and if you desaturate by 10%, it is **63, 34.868, 77.447**.

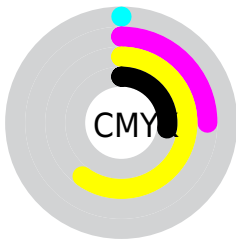
Distribution



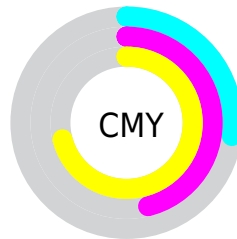
- Red (73%)
- Green (55%)
- Blue (29%)



- Red (60%)
- Yellow (73%)
- Blue (29%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (46%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 42.273, 75.995 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 61, 42.273, 75.995 by changing the saturation by 10% instead.

■ 61, 42.273, 75.995

■ 61, 42.273, 75.995

■ 100, 42.273,
75.995

■ 51, 42.273, 75.995

■ 81, 42.273, 75.995

■ 41, 42.273, 75.995

■ 91, 42.273, 75.995

■ 31, 42.273, 75.995

■ 21, 42.273, 75.995

■ 11, 42.273, 75.995

■ 1, 42.273, 75.995

■ 0, 42.273, 75.995

■ 61, 42.273, 75.995

■ 61, 42.273, 75.995

■ 59, 49.503, 74.455

■ 63, 34.868, 77.447

57, 56.133, 72.721

65, 27.514, 78.842

55, 61.469, 70.612

68, 20.320, 80.200

53, 65.213, 68.071

70, 13.332, 81.521

73, 6.560, 82.792

75, 0.005, 13.326

78, 6.358, 265.343

80, 12.535,
266.484

83, 18.547,
267.590

Harmonies

Complementary

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



61, 42.273, 75.995



50, 39.233, 276.393

Rectangle

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



61, 42.273, 75.995



61, 42.273, 125.995



61, 42.273, 255.995



61, 42.273, 305.995

Sweetspot

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



61, 42.273, 75.999



89, 14.761, 81.744



48, 49.451, 356.259



47, 10.300, 81.368



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 42.273, 75.999



74, 62.793, 73.934



72, 56.766, 108.716



38, 3.685, 82.876



45, 57.328, 68.570



6, 9.086, 70.993

Inverse Universe

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



50, 39.233, 276.393



58, 58.380, 280.873



38, 67.425, 301.236



37, 3.650, 265.370



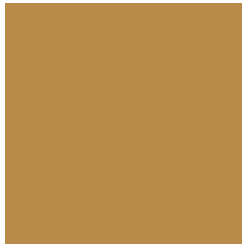
30, 58.042, 290.814



3, 11.041, 273.386

Previews

White Background



This preview shows how the CIELCh color 61, 42.273, 75.995 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 42.273, 75.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

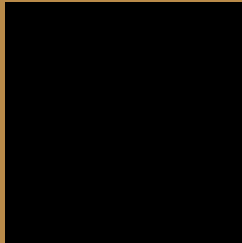
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 42.273, 75.995

Background



This preview shows how black text looks on a background with the CIELCh color 61, 42.273, 75.995.



This preview shows how white text looks on a background with the CIELCh color 61, 42.273, 75.995.

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

61, 42.273, 75.995

Protanopia

61, 39.387, 95.878

Deuteranopia

61, 41.470, 78.958



Tritanopia
61, 24.446, 9.025

Trichromacy



Original Color
61, 42.273, 75.995

Protanomaly
61, 39.812, 88.569

Deuteranomaly
61, 41.705, 78.413

Tritanomaly
61, 25.381, 43.226

Monochromacy



Original Color
61, 42.273, 75.995

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 15.298, 80.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 42.273, 75.995 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(185, 139, 74)` looks like.

```
.text, #text, p{  
    color:rgb(185, 139, 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(185, 139, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 139, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 42.273, 75.995 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(185, 139, 74) }
```

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

```
.border{ border-color:rgb(185, 139, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 139, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 139, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 139, 74);  
box-shadow:4px 4px 4px 4px rgb(185, 139,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 42.273, 75.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 139, 74) }
```

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

```
.background{ background-color: rgb(185,  
139, 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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