

Converting Colors

CIELCh(61, 31.000, 60.619)

Have a look what the booklet for
CIELCh(61, 31.000, 60.619) contains.

CIELCh(61, 31.240, 60.300)	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(61, 31.240, 60.300)

Conversions

Conversions Part 1

Format	Color
Hex	BC8864
RGB	188, 136, 100
RGB Percent	74%, 53%, 39%
CMY	0.2625, 0.4664, 0.6076
CMYK	0.00, 0.28, 0.47, 0.26
HSL	25°, 40%, 56%
HSV	25°, 47%, 74%
XYZ	31.8730, 29.2481, 16.0376
YIQ	147.4440, 42.5480, -0.1720

Conversions

Conversions Part 2

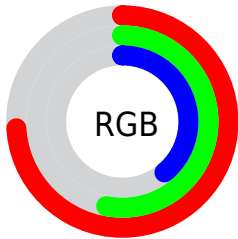
Format	Color
R_{YB}	188, 161, 100
Decimal	12355684
CIE _{Lab}	61.00, 15.48, 27.14
CIE _{LCh}	61, 31.240, 60.300
Yxy	29.2481, 0.4131, 0.3791
Android (android.graphics.Color)	4290545764 (0xFFBC8864)
YUV	147.4440, -23.3899, 35.5676
Hunter-Lab	54.0815, 10.5564, 20.2749

Details

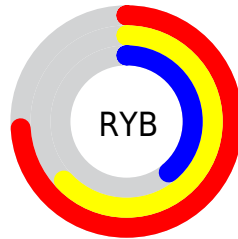
The CIELCh color **61, 31.240, 60.300** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 25.174, 252.804**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 31.296, 60.036**, and **41, 30.938, 60.109** is the 20% darker color. If you saturate the color by 10%, you get **58, 39.073, 59.391**, and if you desaturate by 10%, it is **64, 23.804, 61.251**.

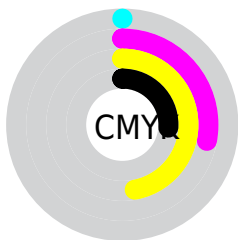
Distribution



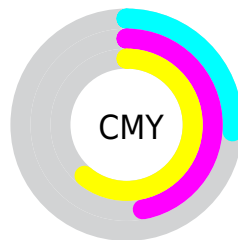
- Red (74%)
- Green (53%)
- Blue (39%)



- Red (74%)
- Yellow (63%)
- Blue (39%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (26%)



- Cyan (26%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 31.240, 60.300 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, 31.240, 60.300 by changing the saturation by 10% instead.

61, 31.240, 60.300

61, 31.240, 60.300

100, 31.240,
60.300

51, 31.240, 60.300

81, 31.240, 60.300

41, 31.240, 60.300

91, 31.240, 60.300

31, 31.240, 60.300

21, 31.240, 60.300

11, 31.240, 60.300

1, 31.240, 60.300

0, 31.240, 60.300

61, 31.240, 60.300

61, 31.240, 60.300

58, 39.073, 59.391

64, 23.804, 61.251

55, 47.194, 58.479

67, 16.796, 62.229

52, 55.332, 57.481

71, 10.205, 63.226

50, 62.907, 56.188

74, 4.004, 64.192

48, 68.996, 54.255

77, 1.843, 245.556

47, 70.873, 53.699

81, 7.375, 246.412

84, 12.626,
247.399

88, 17.631,
248.378

91, 18.048,
231.712

Harmonies

Complementary

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



61, 31.240, 60.300



61, 25.174, 252.804

Rectangle

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



61, 31.240, 60.300



61, 31.240, 110.300



61, 31.240, 240.300



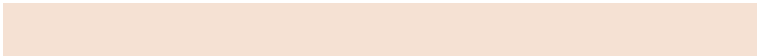
61, 31.240, 290.300

Sweetspot

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



61, 31.239, 60.305



91, 10.455, 63.481



54, 43.956, 342.808



47, 7.263, 63.266



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



61, 31.239, 60.305



74, 47.742, 59.380



72, 42.080, 100.851



38, 3.375, 63.956



40, 62.077, 54.224



5, 10.061, 49.997

Inverse Universe

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



61, 25.174, 252.804



74, 36.463, 255.620



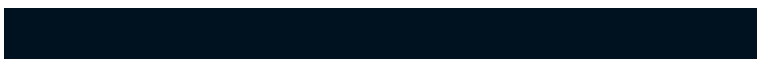
49, 46.502, 292.835



38, 3.258, 246.126



39, 41.581, 272.940



5, 10.557, 259.715

Previews

White Background



This preview shows how the CIELCh color 61, 31.240, 60.300 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 CIELCh color 61, 31.240, 60.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

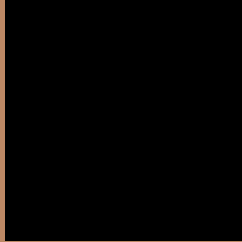
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 31.240, 60.300

Background



This preview shows how black text looks on a background with the CIELCh color 61, 31.240, 60.300.



This preview shows how white text looks on a background with the CIELCh color 61, 31.240, 60.300.

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, 31.240, 60.300

Protanopia

61, 23.974, 95.055

Deuteranopia

61, 28.690, 73.805



Tritanopia
61, 25.249, 9.558

Trichromacy



Original Color
61, 31.240, 60.300

Protanomaly
61, 25.455, 80.007

Deuteranomaly
61, 29.549, 68.582

Tritanomaly
61, 24.871, 30.790

Monochromacy



Original Color
61, 31.240, 60.300

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 10.695, 62.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 31.240, 60.300 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(188, 136, 100)` looks like.

```
.text, #text, p{  
    color:rgb(188, 136, 100)  
}
```

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(188, 136, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 136, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 31.240, 60.300 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(188, 136, 100) }
```

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

```
.border{ border-color:rgb(188, 136, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 136, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 136, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 136, 100);  
box-shadow:4px 4px 4px 4px rgb(188, 136,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 31.240, 60.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 136, 100) }
```

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

```
.background{ background-color: rgb(188,  
136, 100) }
```

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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