

Converting Colors

CIELCh(61, 33.997, 52.756)

Have a look what the booklet for
CIELCh(61, 33.997, 52.756) contains.

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Color

CIELCh(61, 34.303, 53.436)

Conversions

Conversions Part 1

Format	Color
Hex	C48564
RGB	196, 133, 100
RGB Percent	77%, 52%, 39%
CMY	0.2332, 0.4800, 0.6094
CMYK	0.00, 0.32, 0.49, 0.23
HSL	21°, 45%, 58%
HSV	21°, 49%, 77%
XYZ	33.2570, 29.2481, 15.8490
YIQ	148.0750, 48.1410, 3.0930

Conversions

Conversions Part 2

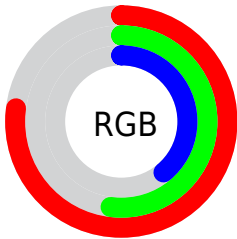
Format	Color
R_{YB}	196, 150, 100
Decimal	12879204
CIE _{Lab}	61.00, 20.43, 27.55
CIE _{LCh}	61, 34.303, 53.436
Yxy	29.2481, 0.4244, 0.3733
Android (android.graphics.Color)	4291069284 (0xFFC48564)
YUV	148.0750, -23.7010, 42.0302
Hunter-Lab	54.0815, 15.1244, 20.4818

Details

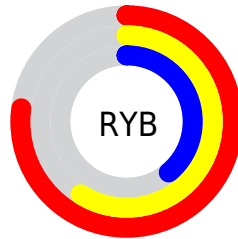
The CIELCh color **61, 34.303, 53.436** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 25.757, 244.287**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 34.459, 53.116**, and **41, 33.981, 53.341** is the 20% darker color. If you saturate the color by 10%, you get **58, 42.746, 52.931**, and if you desaturate by 10%, it is **64, 26.340, 54.030**.

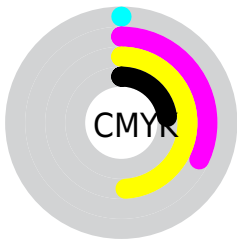
Distribution



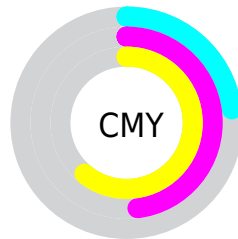
- Red (77%)
- Green (52%)
- Blue (39%)



- Red (77%)
- Yellow (59%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (49%)
- Black (23%)



- Cyan (23%)
- Magenta (48%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 34.303, 53.436 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, 34.303, 53.436 by changing the saturation by 10% instead.

61, 34.303, 53.436

61, 34.303, 53.436

100, 34.303,
53.436

51, 34.303, 53.436

81, 34.303, 53.436

41, 34.303, 53.436

91, 34.303, 53.436

31, 34.303, 53.436

21, 34.303, 53.436

11, 34.303, 53.436

1, 34.303, 53.436

0, 34.303, 53.436

61, 34.303, 53.436

61, 34.303, 53.436

58, 42.746, 52.931

64, 26.340, 54.030

■ 55, 51.542, 52.470

■ 68, 18.894, 54.698

■ 52, 60.366, 51.948

■ 72, 11.954, 55.425

■ 49, 68.506, 51.095

■ 76, 5.485, 56.171

■ 47, 75.078, 49.656

■ 79, 0.555, 237.935

■ 47, 75.700, 49.563

■ 83, 6.212, 238.003

■ 87, 11.530,
238.819

■ 91, 16.244,
238.081

■ 94, 17.427,
210.272

Harmonies

Complementary

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



61, 34.303, 53.436



64, 25.757, 244.287

Rectangle

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



61, 34.303, 53.436



61, 34.303, 103.436



61, 34.303, 233.436



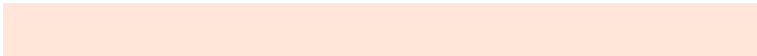
61, 34.303, 283.436

Sweetspot

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



61, 34.302, 53.441



93, 11.513, 55.712



55, 49.395, 339.665



49, 7.914, 55.551



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 34.302, 53.441



74, 53.126, 52.890



73, 42.872, 96.721



39, 3.411, 56.149



38, 65.097, 50.096



5, 11.711, 42.623

Inverse Universe

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



64, 25.757, 244.287



78, 36.986, 247.210



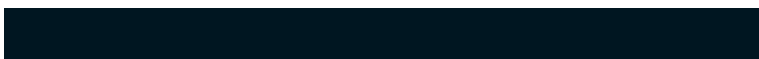
51, 46.599, 290.235



39, 3.262, 237.950



42, 37.139, 263.236



6, 10.920, 251.909

Previews

White Background



This preview shows how the CIELCh color 61, 34.303, 53.436 looks on a white background.

Color Contrast Check

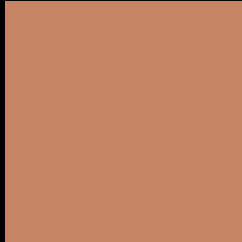
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.303, 53.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

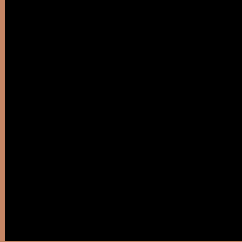
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 34.303, 53.436

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.303, 53.436.



This preview shows how white text looks on a background with the CIELCh color 61, 34.303, 53.436.

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
61, 29.387, 13.016

Trichromacy



Original Color
61, 34.303, 53.436

Protanomaly
61, 25.195, 76.400

Deuteranomaly
61, 30.394, 65.509

Tritanomaly
61, 29.289, 29.928

Monochromacy



Original Color
61, 34.303, 53.436

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.664, 55.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.303, 53.436 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(196, 133, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 133, 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(196, 133, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 133, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.303, 53.436 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(196, 133, 100) }
```

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

```
.border{ border-color:rgb(196, 133, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 133, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 133, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 133, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 133,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.303, 53.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 133, 100) }
```

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

```
.background{ background-color: rgb(196,  
133, 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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