

Converting Colors

CIELCh(64, 34.493, 77.541)

Have a look what the booklet for
CIELCh(64, 34.493, 77.541) contains.

CIELCh(64, 34.600, 77.678)	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(64, 34.600, 77.678)

Conversions

Conversions Part 1

Format	Color
Hex	BB955F
RGB	187, 149, 95
RGB Percent	73%, 58%, 37%
CMY	0.2674, 0.4164, 0.6281
CMYK	0.00, 0.20, 0.49, 0.27
HSL	35°, 40%, 55%
HSV	35°, 49%, 73%
XYZ	33.2230, 32.8017, 15.3665
YIQ	154.2060, 39.9820, -8.7380

Conversions

Conversions Part 2

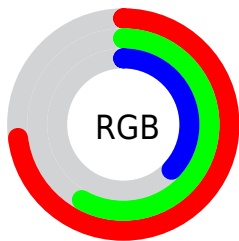
Format	Color
RYB	160, 187, 95
Decimal	12293471
CIELab	64.00, 7.38, 33.80
CIElCh	64, 34.600, 77.678
Yxy	32.8017, 0.4082, 0.4030
Android (android.graphics.Color)	4290483551 (0xFFBB955F)
YUV	154.2060, -29.1886, 28.7603
Hunter-Lab	57.2727, 3.3176, 24.1832

Details

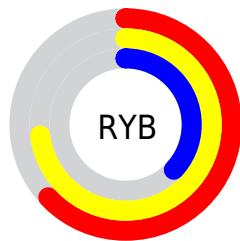
The CIELCh color $64, 34.600, 77.678$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $55, 32.440, 273.400$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 34.769, 77.766$, and $44, 34.435, 77.600$ is the 20% darker color. If you saturate the color by 10%, you get $62, 42.067, 76.237$, and if you desaturate by 10%, it is $66, 27.193, 79.077$.

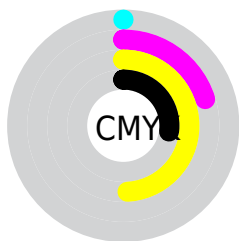
Distribution



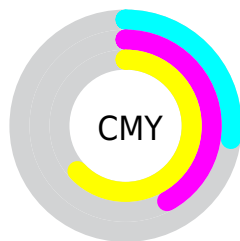
- Red (73%)
- Green (58%)
- Blue (37%)



- Red (63%)
- Yellow (73%)
- Blue (37%)



- Cyan (0%)
- Magenta (20%)
- Yellow (49%)
- Black (27%)



- Cyan (27%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 34.600, 77.678 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 64, 34.600, 77.678 by changing the saturation by 10% instead.

■ 64, 34.600, 77.678

■ 64, 34.600, 77.678

■ 100, 34.600,
77.678

■ 54, 34.600, 77.678

■ 84, 34.600, 77.678

■ 44, 34.600, 77.678

■ 94, 34.600, 77.678

■ 34, 34.600, 77.678

■ 24, 34.600, 77.678

■ 14, 34.600, 77.678

■ 4, 34.600, 77.678

■ 0, 34.600, 77.678

■ 64, 34.600, 77.678

■ 64, 34.600, 77.678

■ 62, 42.067, 76.237

■ 66, 27.193, 79.077

60, 49.376, 74.701

69, 19.951, 80.433

58, 56.117, 72.983

71, 12.916, 81.752

56, 61.606, 70.909

74, 6.099, 83.019

54, 65.395, 68.358

76, 0.506, 264.880

54, 65.689, 68.173

79, 6.912, 265.565

81, 13.136,
266.705

84, 19.195,
267.808

86, 21.435,
263.704

Harmonies

Complementary

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



64, 34.600, 77.678



55, 32.440, 273.400

Rectangle

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



64, 34.600, 77.678



64, 34.600, 127.678



64, 34.600, 257.678



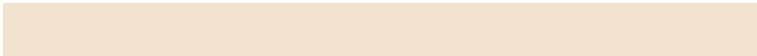
64, 34.600, 307.678

Sweetspot

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



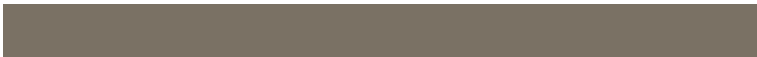
64, 34.600, 77.683



91, 12.359, 82.266



52, 41.616, 354.207



48, 8.530, 81.995



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 34.600, 77.683



78, 51.780, 76.130



73, 48.009, 109.440



39, 3.774, 83.004



46, 58.008, 68.648



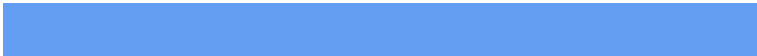
6, 10.402, 69.786

Inverse Universe

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



55, 32.440, 273.400



65, 48.128, 276.515



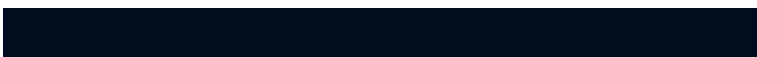
45, 54.764, 299.397



38, 3.739, 265.506



30, 58.974, 290.977



3, 12.565, 274.587

Previews

White Background



This preview shows how the CIELCh color 64, 34.600, 77.678 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 64, 34.600, 77.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

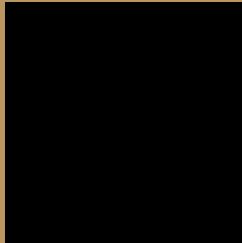
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 34.600, 77.678

Background



This preview shows how black text looks on a background with the CIELCh color 64, 34.600, 77.678.



This preview shows how white text looks on a background with the CIELCh color 64, 34.600, 77.678.

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

64, 34.600, 77.678

Protanopia

64, 32.395, 95.796

Deuteranopia

64, 34.654, 76.049



Tritanopia
64, 20.670, 4.517

Trichromacy



Original Color
64, 34.600, 77.678

Protanomaly
64, 32.876, 89.598

Deuteranomaly
64, 34.654, 76.049

Tritanomaly
64, 20.437, 39.918

Monochromacy



Original Color
64, 34.600, 77.678

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.525, 81.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 34.600, 77.678 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, 149, 95)` looks like.

```
.text, #text, p{  
    color:rgb(187, 149, 95)  
}
```

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, 149, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 149, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 34.600, 77.678 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, 149, 95) }
```

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

```
.border{ border-color:rgb(187, 149, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 149, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 149, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 149, 95);  
box-shadow:4px 4px 4px 4px rgb(187, 149,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 34.600, 77.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 149, 95) }
```

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

```
.background{ background-color: rgb(187,  
149, 95) }
```

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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