

Converting Colors

CIELCh(65, 30.775, 104.994)

Have a look what the booklet for
CIELCh(65, 30.775, 104.994)
contains.

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Color

CIELCh(65, 30.584, 104.467)

Conversions

Conversions Part 1

Format	Color
Hex	A3A068
RGB	163, 160, 104
RGB Percent	64%, 63%, 41%
CMY	0.3598, 0.3715, 0.5912
CMYK	0.00, 0.02, 0.36, 0.36
HSL	57°, 24%, 52%
HSV	57°, 36%, 64%
XYZ	30.2824, 34.0472, 18.1356
YIQ	154.5130, 19.7640, -16.7800

Conversions

Conversions Part 2

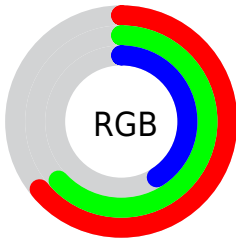
Format	Color
RYB	107, 163, 104
Decimal	10723432
CIELab	65.00, -7.64, 29.61
CIELCh	65, 30.584, 104.467
Yxy	34.0472, 0.3672, 0.4129
Android (android.graphics.Color)	4288913512 (0xFFA3A068)
YUV	154.5130, -24.9029, 7.4431
Hunter-Lab	58.3500, -9.4746, 22.4172

Details

The CIELCh color **65, 30.584, 104.467** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **47, 33.134, 292.802**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 30.668, 104.553**, and **45, 30.586, 104.920** is the 20% darker color. If you saturate the color by 10%, you get **65, 38.674, 103.492**, and if you desaturate by 10%, it is **66, 22.249, 105.469**.

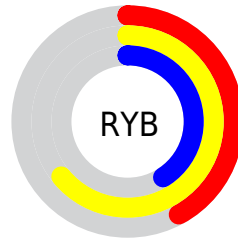
Distribution



Red (64%)

Green (63%)

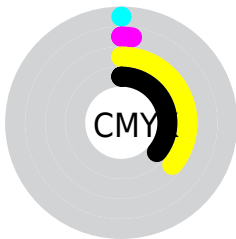
Blue (41%)



Red (42%)

Yellow (64%)

Blue (41%)

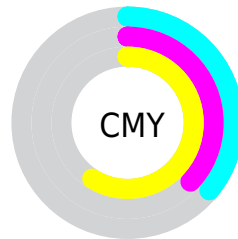


Cyan (0%)

Magenta (2%)

Yellow (36%)

Black (36%)



Cyan (36%)


Magenta (37%)


Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 30.584, 104.467 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 65, 30.584, 104.467 by changing the saturation by 10% instead.


 65, 30.584,
104.467


 65, 30.584,
104.467


 100, 30.584,
104.467


 55, 30.584,
104.467


 85, 30.584,
104.467

 45, 30.584,
104.467

 95, 30.584,
104.467

 35, 30.584,
104.467

 25, 30.584,
104.467

 15, 30.584,
104.467

 5, 30.584, 104.467

 0, 30.584, 104.467

■ 65, 30.584,
104.467

■ 65, 30.584,
104.467

■ 65, 38.674,
103.492

■ 66, 22.249,
105.469

■ 64, 46.337,
102.556

■ 66, 13.779,
106.469

■ 64, 53.302,
101.686

■ 67, 5.248, 107.453

■ 63, 59.190,
100.913

■ 67, 3.297, 288.460

■ 63, 63.560,
100.263

■ 68, 11.830,
289.388

■ 63, 66.121, 99.744

■ 69, 20.330,
290.294

■ 63, 66.911, 99.560

■ 70, 28.784,
291.162

■ 70, 37.184,
291.990

■ 71, 45.522,
292.775

Harmonies

Complementary

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



65, 30.584, 104.467



47, 33.134, 292.802

Rectangle

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



65, 30.584, 104.467



65, 30.584, 154.467



65, 30.584, 284.467



65, 30.584, 334.467

Sweetspot

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



65, 30.585, 104.470



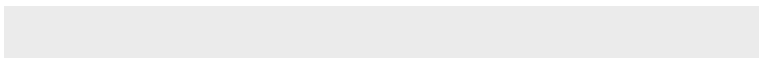
84, 11.599, 106.960



51, 25.396, 17.602



45, 7.855, 106.833



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



65, 30.585, 104.470



82, 44.634, 103.720



64, 33.913, 124.966



34, 4.827, 107.150



56, 61.468, 99.593



5, 7.417, 107.348

Inverse Universe

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



47, 33.134, 292.802



56, 49.450, 294.186



49, 35.956, 308.652



32, 4.921, 289.043



17, 85.470, 305.473



1, 7.581, 288.275

Previews

White Background



This preview shows how the CIELCh color 65, 30.584, 104.467 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 CIELCh color 65, 30.584, 104.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

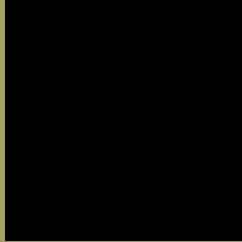
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 30.584, 104.467

Background



This preview shows how black text looks on a background with the CIELCh color 65, 30.584, 104.467.



This preview shows how white text looks on a background with the CIELCh color 65, 30.584, 104.467.

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
65, 30.584, 104.467

Protanopia
65, 30.640, 96.342

Deuteranopia
65, 30.214, 74.159



Tritanopia
65, 9.327, 334.686

Trichromacy



Original Color
65, 30.584, 104.467

Protanomaly
65, 30.846, 99.640

Deuteranomaly
65, 29.403, 84.622

Tritanomaly
65, 8.648, 75.698

Monochromacy



Original Color
65, 30.584, 104.467

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.080, 106.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 30.584, 104.467 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(163, 160, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 160, 104)  
}
```

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(163, 160, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 160, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 30.584, 104.467 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(163, 160, 104) }
```

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

```
.border{ border-color:rgb(163, 160, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 160, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 160, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 160, 104);  
box-shadow:4px 4px 4px 4px rgb(163, 160,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 30.584, 104.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 160, 104) }
```

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

```
.background{ background-color: rgb(163,  
160, 104) }
```

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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