

Converting Colors

CIELCh(65, 20.306, 107.999)

Have a look what the booklet for
CIELCh(65, 20.306, 107.999)
contains.

CIELCh(65, 20.348, 107.987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 20.348, 107.987)

Conversions

Conversions Part 1

Format	Color
Hex	A0A07B
RGB	160, 160, 123
RGB Percent	63%, 63%, 48%
CMY	0.3725, 0.3725, 0.5176
CMYK	0.00, 0.00, 0.23, 0.37
HSL	60°, 16%, 55%
HSV	60°, 23%, 63%
XYZ	30.6449, 34.0472, 23.6965
YIQ	155.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

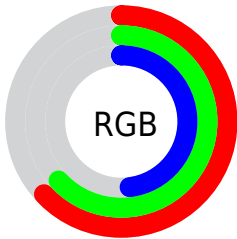
Format	Color
RYB	123, 160, 123
Decimal	10526843
CIELab	65.00, -6.28, 19.35
CIELCh	65, 20.348, 107.987
Yxy	34.0472, 0.3467, 0.3852
Android (android.graphics.Color)	4288716923 (0xFFA0A07B)
YUV	155.7820, -16.1615, 3.6992
Hunter-Lab	58.3500, -8.3658, 16.7667

Details

The CIELCh color $65, 20.348, 107.987$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $53, 21.456, 292.799$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 20.340, 108.424$, and $45, 20.542, 108.509$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.967, 107.049$, and if you desaturate by 10%, it is $65, 11.591, 108.941$.

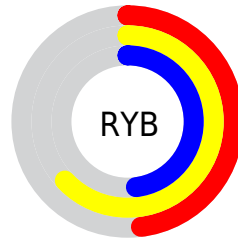
Distribution



Red (63%)

Green (63%)

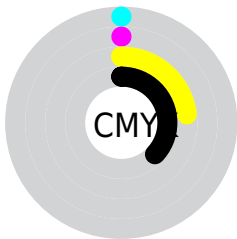
Blue (48%)



Red (48%)

Yellow (63%)

Blue (48%)

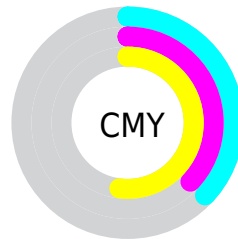


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (37%)



Cyan (37%)


Magenta (37%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 20.348, 107.987 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, 20.348, 107.987 by changing the saturation by 10% instead.


 65, 20.348,
107.987


 65, 20.348,
107.987


 100, 20.348,
107.987


 55, 20.348,
107.987


 85, 20.348,
107.987

 45, 20.348,
107.987

 95, 20.348,
107.987

 35, 20.348,
107.987

 25, 20.348,
107.987

 15, 20.348,
107.987

 5, 20.348, 107.987

 0, 20.348, 107.987

■ 65, 20.348,
107.987

■ 65, 20.348,
107.987

■ 65, 28.967,
107.049

■ 65, 11.591,
108.941

■ 64, 37.334,
106.135

■ 66, 2.760, 109.871

■ 64, 45.288,
105.272

■ 66, 6.098, 290.826

■ 64, 52.582,
104.492

■ 67, 14.951,
291.722

■ 64, 58.878,
103.830

■ 67, 23.780,
292.589

■ 64, 63.772,
103.326

■ 68, 32.567,
293.419

■ 64, 66.920,
103.007

■ 68, 41.302,
294.208

■ 64, 68.398,

■ 69, 49.974,
294.957

102.859

■ 69, 52.126,
295.137

Harmonies

Complementary

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



65, 20.348, 107.987



53, 21.456, 292.799

Rectangle

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



65, 20.348, 107.987



65, 20.348, 157.987



65, 20.348, 287.987



65, 20.348, 337.987

Sweetspot

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



65, 20.349, 107.991



84, 7.692, 109.504



55, 15.400, 21.093



44, 4.988, 109.454



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



65, 20.349, 107.991



83, 30.544, 107.479



64, 21.796, 128.032



33, 4.947, 109.307



57, 62.932, 102.858



4, 6.504, 110.182

Inverse Universe

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



53, 21.456, 292.799



64, 32.667, 293.565



54, 22.484, 310.139



30, 5.054, 291.117



15, 86.897, 306.288



0, 6.505, 290.182

Previews

White Background



This preview shows how the CIELCh color 65, 20.348, 107.987 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, 20.348, 107.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

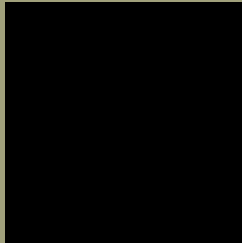
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

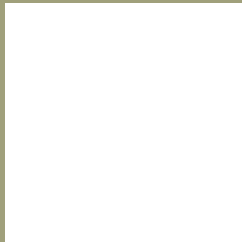
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 20.348, 107.987

Background



This preview shows how black text looks on a background with the CIELCh color 65, 20.348, 107.987.



This preview shows how white text looks on a background with the CIELCh color 65, 20.348, 107.987.

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, 20.348, 107.987

Protanopia

65, 19.863, 94.707

Deuteranopia

65, 20.199, 65.163



Tritanopia
65, 8.112, 324.803

Trichromacy



Original Color
65, 20.348, 107.987

Protanomaly
65, 20.054, 99.672

Deuteranomaly
65, 18.867, 80.573

Tritanomaly
65, 4.554, 66.319

Monochromacy



Original Color
65, 20.348, 107.987

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 7.204, 109.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 20.348, 107.987 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(160, 160, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 160, 123)  
}
```

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(160, 160, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 160, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 20.348, 107.987 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(160, 160, 123) }
```

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

```
.border{ border-color:rgb(160, 160, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 160, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 160,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 20.348, 107.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 160, 123) }
```

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

```
.background{ background-color: rgb(160,  
160, 123) }
```

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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