

Converting Colors

CIELCh(65, 14.096, 105.555)

Have a look what the booklet for
CIELCh(65, 14.096, 105.555)
contains.

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Color

CIELCh(65, 14.370, 105.397)

Conversions

Conversions Part 1

Format	Color
Hex	A19F85
RGB	161, 159, 133
RGB Percent	63%, 62%, 52%
CMY	0.3688, 0.3766, 0.4786
CMYK	0.00, 0.01, 0.17, 0.37
HSL	56°, 13%, 58%
HSV	56°, 17%, 63%
XYZ	31.3115, 34.0472, 27.0970
YIQ	156.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

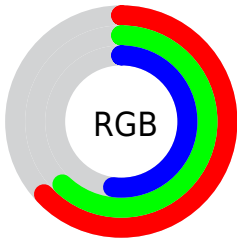
Format	Color
RYB	135, 161, 133
Decimal	10592133
CIELab	65.00, -3.82, 13.85
CIELCh	65, 14.370, 105.397
Yxy	34.0472, 0.3387, 0.3683
Android (android.graphics.Color)	4288782213 (0xFFA19F85)
YUV	156.6340, -11.6516, 3.8290
Hunter-Lab	58.3500, -6.3266, 13.3114

Details

The CIELCh color $65, 14.370, 105.397$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $57, 14.855, 289.126$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.651, 105.945$, and $45, 14.770, 106.350$ is the 20% darker color. If you saturate the color by 10%, you get $64, 22.579, 104.382$, and if you desaturate by 10%, it is $66, 6.110, 106.407$.

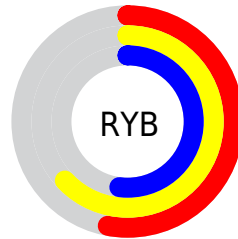
Distribution



Red (63%)

Green (62%)

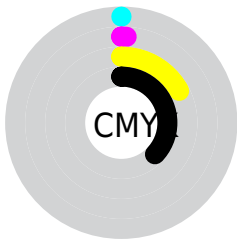
Blue (52%)



Red (53%)

Yellow (63%)

Blue (52%)

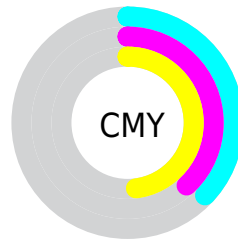


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (37%)



Cyan (37%)


Magenta (38%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.370, 105.397 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, 14.370, 105.397 by changing the saturation by 10% instead.


 65, 14.370,
105.397


 65, 14.370,
105.397


 100, 14.370,
105.397


 55, 14.370,
105.397


 85, 14.370,
105.397

 45, 14.370,
105.397

 95, 14.370,
105.397

 35, 14.370,
105.397

 25, 14.370,
105.397

 15, 14.370,
105.397

 5, 14.370, 105.397

 0, 14.370, 105.397

■ 65, 14.370,
105.397

■ 65, 14.370,
105.397

■ 64, 22.579,
104.382

■ 66, 6.110, 106.407

■ 66, 2.162, 287.446

■ 64, 30.661,
103.360

■ 67, 10.416,
288.377

■ 63, 38.502,
102.355

■ 68, 18.634,
289.299

■ 63, 45.921,
101.385

■ 69, 26.805,
290.183

■ 62, 52.642,
100.475

■ 70, 34.921,
291.025

■ 62, 58.279, 99.648

■ 71, 42.976,
291.826

■ 61, 62.383, 98.925

■ 61, 64.754, 98.304

■ 71, 47.357,
292.055

■ 61, 65.292, 98.148

■ 72, 46.697,
291.528

Harmonies

Complementary

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



65, 14.370, 105.397



57, 14.855, 289.126

Rectangle

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



65, 14.370, 105.397



65, 14.370, 155.397



65, 14.370, 285.397



65, 14.370, 335.397

Sweetspot

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



65, 14.371, 105.403



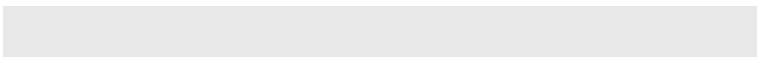
83, 5.109, 106.631



58, 11.387, 13.961



44, 3.479, 106.568



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, 14.371, 105.403



82, 21.455, 104.995



65, 16.172, 125.277



34, 4.728, 106.221



55, 60.615, 98.191



5, 7.216, 106.132

Inverse Universe

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



57, 14.855, 289.126



70, 22.358, 289.660



57, 16.622, 306.980



32, 4.815, 288.146



17, 84.488, 305.149



1, 7.437, 287.458

Previews

White Background



This preview shows how the CIELCh color 65, 14.370, 105.397 looks on a white background.

Color Contrast Check

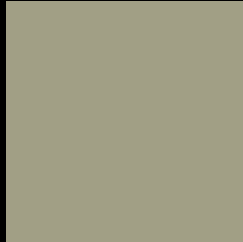
Large Text (above 18pt) WCAG AA × Fail

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, 14.370, 105.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

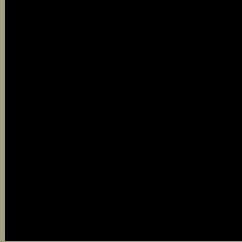
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

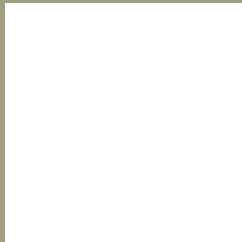
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 14.370, 105.397

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.370, 105.397.



This preview shows how white text looks on a background with the CIELCh color 65, 14.370, 105.397.

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, 14.370, 105.397

Protanopia

65, 14.304, 93.781

Deuteranopia

65, 15.675, 59.367



Tritanopia
65, 7.905, 322.505

Trichromacy



Original Color
65, 14.370, 105.397

Protanomaly
65, 14.564, 98.957

Deuteranomaly
65, 14.035, 75.200

Tritanomaly
65, 3.287, 39.216

Monochromacy



Original Color
65, 14.370, 105.397

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.535, 109.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.370, 105.397 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(161, 159, 133)` looks like.

```
.text, #text, p{  
    color:rgb(161, 159, 133)  
}
```

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(161, 159, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 159, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.370, 105.397 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(161, 159, 133) }
```

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

```
.border{ border-color:rgb(161, 159, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 159, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 159, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 159, 133); box-shadow:4px 4px 4px 4px rgb(161, 159, 133) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.370, 105.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 159, 133) }
```

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

```
.background{ background-color: rgb(161,  
159, 133) }
```

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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