

Converting Colors

CIELCh(65, 24.088, 101.995)

Have a look what the booklet for
CIELCh(65, 24.088, 101.995)
contains.

CIELCh(65, 24.296, 101.590)	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, 24.296, 101.590)

Conversions

Conversions Part 1

Format	Color
Hex	A59F73
RGB	165, 159, 115
RGB Percent	65%, 62%, 45%
CMY	0.3528, 0.3763, 0.5489
CMYK	0.00, 0.04, 0.30, 0.35
HSL	53°, 22%, 55%
HSV	53°, 30%, 65%
XYZ	31.0224, 34.0472, 21.1646
YIQ	155.7780, 17.7000, -12.4120

Conversions

Conversions Part 2

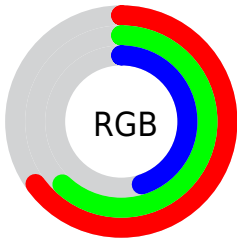
Format	Color
RYB	122, 165, 115
Decimal	10854259
CIELab	65.00, -4.88, 23.80
CIELCh	65, 24.296, 101.590
Yxy	34.0472, 0.3597, 0.3948
Android (android.graphics.Color)	4289044339 (0xFFA59F73)
YUV	155.7780, -20.1036, 8.0877
Hunter-Lab	58.3500, -7.2109, 19.3394

Details

The CIELCh color **65, 24.296, 101.590** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 25.605, 288.783**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.640, 101.657**, and **45, 24.623, 102.335** is the 20% darker color. If you saturate the color by 10%, you get **64, 32.181, 100.506**, and if you desaturate by 10%, it is **66, 16.300, 102.676**.

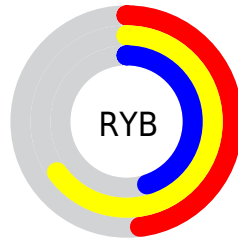
Distribution



Red (65%)

Green (62%)

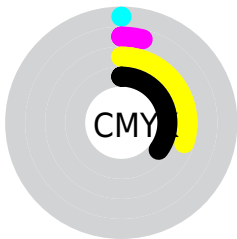
Blue (45%)



Red (48%)

Yellow (65%)

Blue (45%)

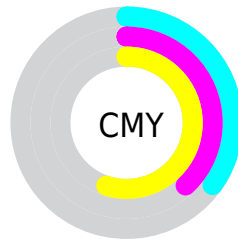


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 24.296, 101.590 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, 24.296, 101.590 by changing the saturation by 10% instead.


 65, 24.296,
101.590


 65, 24.296,
101.590


 100, 24.296,
101.590


 55, 24.296,
101.590


 85, 24.296,
101.590

 45, 24.296,
101.590

 95, 24.296,
101.590

 35, 24.296,
101.590

 25, 24.296,
101.590

 15, 24.296,
101.590

 5, 24.296, 101.590

 0, 24.296, 101.590

65, 24.296,
101.590

65, 24.296,
101.590

64, 32.181,
100.506

66, 16.300,
102.676

63, 39.827, 99.424

67, 8.263, 103.736

63, 47.037, 98.364

68, 0.231, 104.354

62, 53.503, 97.339

69, 7.769, 285.809

61, 58.791, 96.360

70, 15.722,
286.773

61, 62.411, 95.427

71, 23.619,
287.699

60, 64.442, 94.551

72, 31.453,
288.583

73, 39.222,
289.423

■ 74, 42.366,
289.268

Harmonies

Complementary

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



65, 24.296, 101.590



52, 25.605, 288.783

Rectangle

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



65, 24.296, 101.590



65, 24.296, 151.590



65, 24.296, 281.590



65, 24.296, 331.590

Sweetspot

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



65, 24.297, 101.594



85, 8.926, 103.854



54, 21.123, 11.638



45, 6.194, 103.709



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, 24.297, 101.594



82, 35.615, 100.902



65, 28.348, 122.711



34, 4.497, 103.844



53, 58.755, 94.647



4, 6.765, 103.047

Inverse Universe

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



52, 25.605, 288.783



62, 38.060, 289.878



52, 29.925, 306.065



32, 4.569, 285.850



18, 81.743, 304.208



1, 7.100, 285.383

Previews

White Background



This preview shows how the CIELCh color 65, 24.296, 101.590 looks on a white background.

Color Contrast Check

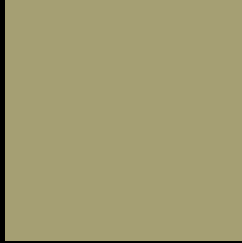
Large Text (above 18pt) WCAG AA × Fail

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, 24.296, 101.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

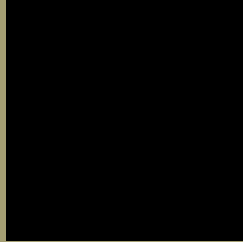
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 24.296, 101.590

Background



This preview shows how black text looks on a background with the CIELCh color 65, 24.296, 101.590.



This preview shows how white text looks on a background with the CIELCh color 65, 24.296, 101.590.

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, 24.296, 101.590

Protanopia

65, 24.736, 95.681

Deuteranopia

65, 24.302, 70.091



Tritanopia
65, 9.597, 336.367

Trichromacy



Original Color
65, 24.296, 101.590

Protanomaly
65, 24.567, 97.626

Deuteranomaly
65, 23.471, 82.054

Tritanomaly
65, 7.101, 58.246

Monochromacy



Original Color
65, 24.296, 101.590

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 8.894, 104.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 24.296, 101.590 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(165, 159, 115)` looks like.

```
.text, #text, p{  
    color:rgb(165, 159, 115)  
}
```

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(165, 159, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 159, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 24.296, 101.590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

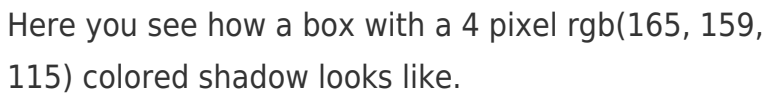
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 159, 115) }
```

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

```
.border{ border-color:rgb(165, 159, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 159, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 159, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 159, 115); box-shadow:4px 4px 4px 4px rgb(165, 159, 115) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 24.296, 101.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 159, 115) }
```

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

```
.background{ background-color: rgb(165,  
159, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor