

Converting Colors

CIELCh(65, 6.237, 37.375)

Have a look what the booklet for
CIELCh(65, 6.237, 37.375) contains.

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Color

CIELCh(65, 6.296, 40.376)

Conversions

Conversions Part 1

Format	Color
Hex	AA9B97
RGB	170, 155, 151
RGB Percent	67%, 61%, 59%
CMY	0.3348, 0.3936, 0.4093
CMYK	0.00, 0.09, 0.11, 0.33
HSL	13°, 10%, 63%
HSV	13°, 11%, 67%
XYZ	33.7129, 34.0472, 33.9176
YIQ	159.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

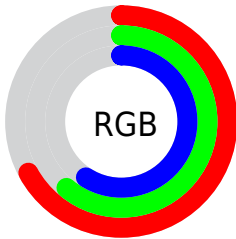
Format	Color
RYB	170, 156, 151
Decimal	11180951
CIELab	65.00, 4.80, 4.08
CIELCh	65, 6.296, 40.376
Yxy	34.0472, 0.3316, 0.3349
Android (android.graphics.Color)	4289371031 (0xFFAA9B97)
YUV	159.0290, -3.9583, 9.6216
Hunter-Lab	58.3500, 1.0197, 6.3810

Details

The CIELCh color $65, 6.296, 40.376$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 5.878, 221.189$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 6.272, 39.215$, and $45, 6.429, 41.633$ is the 20% darker color. If you saturate the color by 10%, you get $61, 12.412, 40.300$, and if you desaturate by 10%, it is $69, 0.644, 39.954$.

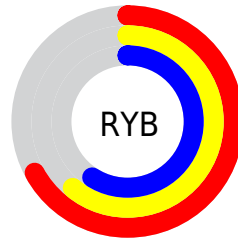
Distribution



Red (67%)

Green (61%)

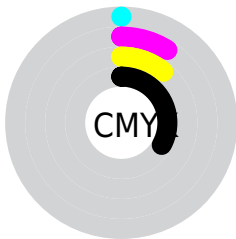
Blue (59%)



Red (67%)

Yellow (61%)

Blue (59%)

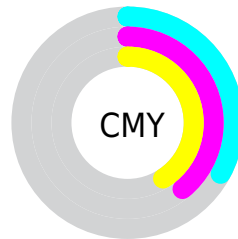


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 6.296, 40.376 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, 6.296, 40.376 by changing the saturation by 10% instead.

■ 65, 6.296, 40.376

■ 65, 6.296, 40.376

■ 100, 6.296, 40.376

■ 55, 6.296, 40.376

■ 85, 6.296, 40.376

■ 45, 6.296, 40.376

■ 95, 6.296, 40.376

■ 35, 6.296, 40.376

■ 25, 6.296, 40.376

■ 15, 6.296, 40.376

■ 5, 6.296, 40.376

■ 0, 6.296, 40.376

■ 65, 6.296, 40.376

■ 65, 6.296, 40.376

■ 61, 12.412, 40.300

■ 69, 0.644, 39.954

57, 19.034, 40.306

73, 4.586, 221.096

54, 26.184, 40.462

77, 9.441, 221.388

50, 33.861, 40.806

81, 13.964,
221.752

47, 42.013, 41.362

85, 18.196,
222.147

44, 50.498, 42.120

41, 58.989, 42.970

89, 22.173,
222.558

39, 66.758, 43.579

93, 24.852,
205.898

37, 72.627, 44.004

95, 26.855,
197.762

Harmonies

Complementary

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



65, 6.296, 40.376



67, 5.878, 221.189

Rectangle

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



65, 6.296, 40.376



65, 6.296, 90.376



65, 6.296, 220.376



65, 6.296, 270.376

Sweetspot

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



65, 6.295, 40.394



86, 2.011, 40.361



64, 11.154, 331.190



45, 1.528, 40.401



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



65, 6.295, 40.394



81, 9.083, 40.371



67, 7.627, 92.328



34, 3.138, 40.415



32, 65.204, 44.112



2, 5.630, 37.330

Inverse Universe

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



67, 5.878, 221.189



84, 8.368, 221.266



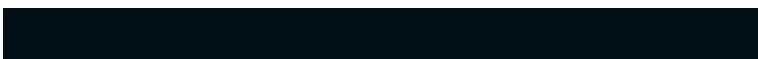
64, 7.650, 275.153



35, 2.967, 221.127



45, 29.383, 237.102



4, 5.412, 228.349

Previews

White Background



This preview shows how the CIELCh color 65, 6.296, 40.376 looks on a white background.

Color Contrast Check

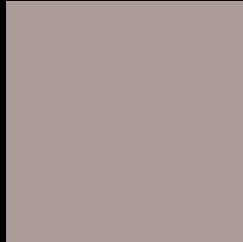
Large Text (above 18pt) WCAG AA × Fail

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, 6.296, 40.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

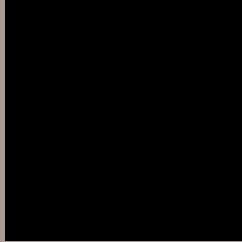
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 6.296, 40.376

Background



This preview shows how black text looks on a background with the CIELCh color 65, 6.296, 40.376.



This preview shows how white text looks on a background with the CIELCh color 65, 6.296, 40.376.

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, 6.296, 40.376

Protanopia

65, 3.368, 74.593

Deuteranopia

65, 9.507, 23.572



Tritanopia
65, 9.517, 340.441

Trichromacy



Original Color
65, 6.296, 40.376

Protanomaly
65, 4.140, 51.878

Deuteranomaly
65, 8.364, 27.692

Tritanomaly
65, 7.142, 357.244

Monochromacy



Original Color
65, 6.296, 40.376

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.374, 32.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 6.296, 40.376 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(170, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(170, 155, 151)  
}
```

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(170, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 155, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 6.296, 40.376 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(170, 155, 151) }
```

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

```
.border{ border-color:rgb(170, 155, 151) }
```

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

Here you see how a box with a 4 pixel rgb(170, 155, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(170, 155,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 6.296, 40.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 155, 151) }
```

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

```
.background{ background-color: rgb(170,  
155, 151) }
```

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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