

Converting Colors

CIELCh(65, 10.579, 73.549)

Have a look what the booklet for
CIELCh(65, 10.579, 73.549) contains.

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Color

CIELCh(65, 10.539, 71.471)

Conversions

Conversions Part 1

Format	Color
Hex	AB9B8C
RGB	171, 155, 140
RGB Percent	67%, 61%, 55%
CMY	0.3290, 0.3917, 0.4505
CMYK	0.00, 0.09, 0.18, 0.33
HSL	29°, 16%, 61%
HSV	29°, 18%, 67%
XYZ	33.3011, 34.0472, 29.6697
YIQ	158.0740, 14.3510, -1.2730

Conversions

Conversions Part 2

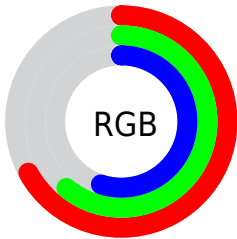
Format	Color
R_{YB}	171, 169, 140
Decimal	11246476
CIE _{Lab}	65.00, 3.35, 9.99
CIE _{LCh}	65, 10.539, 71.471
Yxy	34.0472, 0.3432, 0.3509
Android (android.graphics.Color)	4289436556 (0xFFAB9B8C)
YUV	158.0740, -8.9105, 11.3361
Hunter-Lab	58.3500, -0.2402, 10.6973

Details

The CIELCh color $65, 10.539, 71.471$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 10.014, 256.162$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 10.399, 68.621$, and $45, 10.669, 70.703$ is the 20% darker color. If you saturate the color by 10%, you get $62, 16.766, 70.289$, and if you desaturate by 10%, it is $68, 4.608, 72.635$.

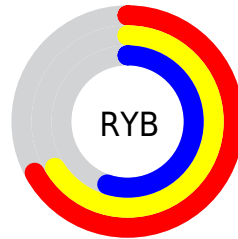
Distribution



Red (67%)

Green (61%)

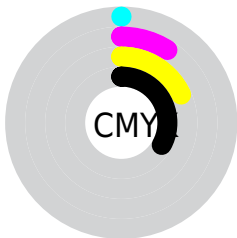
Blue (55%)



Red (67%)

Yellow (66%)

Blue (55%)

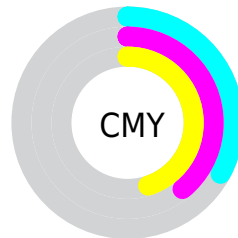


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 10.539, 71.471 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, 10.539, 71.471 by changing the saturation by 10% instead.

■ 65, 10.539, 71.471

■ 65, 10.539, 71.471

■ 100, 10.539,
71.471

■ 55, 10.539, 71.471

■ 85, 10.539, 71.471

■ 45, 10.539, 71.471

■ 95, 10.539, 71.471

■ 35, 10.539, 71.471

■ 25, 10.539, 71.471

■ 15, 10.539, 71.471

■ 5, 10.539, 71.471

■ 0, 10.539, 71.471

■ 65, 10.539, 71.471

■ 65, 10.539, 71.471

■ 62, 16.766, 70.289

■ 68, 4.608, 72.635

60, 23.301, 69.084

71, 1.051, 254.205

57, 30.136, 67.874

73, 6.463, 255.083

55, 37.219, 66.648

76, 11.655,
256.174

52, 44.417, 65.371

79, 16.652,
257.243

50, 51.431, 63.949

48, 57.693, 62.183

82, 21.476,
258.275

46, 62.612, 59.894

85, 24.131,
255.443

45, 63.568, 59.523

87, 22.487,
241.760

89, 22.213,
227.064

Harmonies

Complementary

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



65, 10.539, 71.471



64, 10.014, 256.162

Rectangle

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



65, 10.539, 71.471



65, 10.539, 121.471



65, 10.539, 251.471



65, 10.539, 301.471

Sweetspot

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



65, 10.539, 71.483



87, 3.478, 72.949



62, 15.003, 344.271



46, 2.396, 72.883



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



65, 10.539, 71.483



81, 15.974, 70.976



69, 16.604, 107.761



35, 3.257, 72.503



40, 57.694, 59.950



4, 6.466, 63.391

Inverse Universe

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



64, 10.014, 256.162



79, 14.972, 256.857



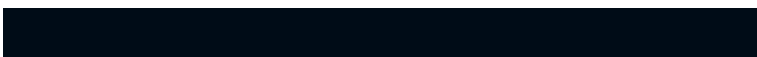
59, 17.275, 291.510



35, 3.182, 254.900



33, 46.445, 281.642



3, 7.284, 263.155

Previews

White Background



This preview shows how the CIELCh color 65, 10.539, 71.471 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, 10.539, 71.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

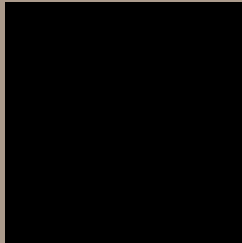
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

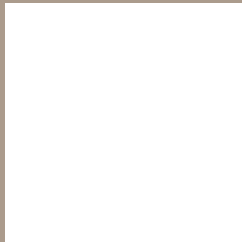
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 10.539, 71.471

Background



This preview shows how black text looks on a background with the CIELCh color 65, 10.539, 71.471.



This preview shows how white text looks on a background with the CIELCh color 65, 10.539, 71.471.

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, 10.539, 71.471

Protanopia

65, 9.280, 91.659

Deuteranopia

65, 12.583, 49.023



Tritanopia
65, 10.763, 342.259

Trichromacy



Original Color
65, 10.539, 71.471

Protanomaly
65, 9.404, 81.284

Deuteranomaly
65, 11.476, 55.260

Tritanomaly
65, 7.893, 12.060

Monochromacy



Original Color
65, 10.539, 71.471

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.049, 74.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 10.539, 71.471 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(171, 155, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 155, 140)  
}
```

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(171, 155, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 10.539, 71.471 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(171, 155, 140) }
```

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

```
.border{ border-color:rgb(171, 155, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 155, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 10.539, 71.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 155, 140) }
```

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

```
.background{ background-color: rgb(171,  
155, 140) }
```

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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