

Converting Colors

CIELCh(65, 4.632, 90.186)

Have a look what the booklet for
CIELCh(65, 4.632, 90.186) contains.

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Color

CIELCh(65, 4.687, 90.180)

Conversions

Conversions Part 1

Format	Color
Hex	A19D95
RGB	161, 157, 149
RGB Percent	63%, 62%, 58%
CMY	0.3671, 0.3828, 0.4142
CMYK	0.00, 0.02, 0.07, 0.37
HSL	40°, 6%, 61%
HSV	40°, 7%, 63%
XYZ	32.3567, 34.0472, 33.4630
YIQ	157.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

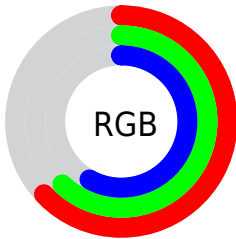
Format	Color
RYB	155, 161, 149
Decimal	10591637
CIELab	65.00, -0.01, 4.69
CIELCh	65, 4.687, 90.180
Yxy	34.0472, 0.3240, 0.3409
Android (android.graphics.Color)	4288781717 (0xFFFA19D95)
YUV	157.2840, -4.0840, 3.2589
Hunter-Lab	58.3500, -3.1291, 6.8429

Details

The CIELCh color $65, 4.687, 90.180$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 4.693, 272.123$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.926, 92.341$, and $45, 4.915, 94.507$ is the 20% darker color. If you saturate the color by 10%, you get $63, 11.116, 88.978$, and if you desaturate by 10%, it is $67, 1.608, 271.576$.

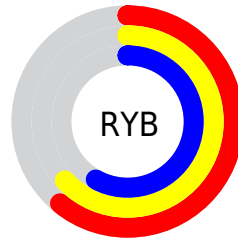
Distribution



Red (63%)

Green (62%)

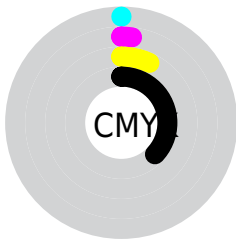
Blue (58%)



Red (61%)

Yellow (63%)

Blue (58%)

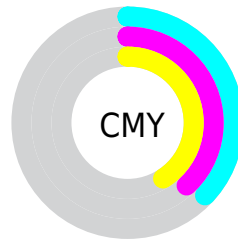


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.687, 90.180 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, 4.687, 90.180 by changing the saturation by 10% instead.

 65, 4.687, 90.180  65, 4.687, 90.180

 100, 4.687, 90.180  55, 4.687, 90.180

 85, 4.687, 90.180  45, 4.687, 90.180

 95, 4.687, 90.180  35, 4.687, 90.180

 25, 4.687, 90.180

 15, 4.687, 90.180

 5, 4.687, 90.180

 0, 4.687, 90.180

 65, 4.687, 90.180  65, 4.687, 90.180

 63, 11.116, 88.978  67, 1.608, 271.576

61, 17.671, 87.695

69, 7.773, 272.632

60, 24.332, 86.371

71, 13.816,
273.727

58, 31.048, 85.007

73, 19.745,
274.779

56, 37.715, 83.596

55, 44.141, 82.117

75, 25.569,
275.781

53, 49.982, 80.515

77, 31.295,
276.732

52, 54.700, 78.686

50, 57.847, 76.521

78, 33.242,
275.158

80, 30.935,
270.151

81, 28.893,
264.446

Harmonies

Complementary

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



65, 4.687, 90.180



63, 4.693, 272.123

Rectangle

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



65, 4.687, 90.180



65, 4.687, 140.180



65, 4.687, 270.180



65, 4.687, 320.180

Sweetspot

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



65, 4.688, 90.201



83, 1.541, 90.739



63, 5.177, 354.293



44, 0.874, 90.743



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, 4.688, 90.201



82, 7.018, 89.996



66, 6.675, 116.184



34, 3.606, 89.983



45, 54.317, 76.256



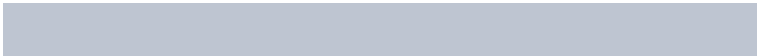
4, 5.264, 86.255

Inverse Universe

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



63, 4.693, 272.123



79, 7.019, 272.348



62, 6.791, 297.250



32, 3.606, 272.362



24, 63.088, 295.900



2, 5.768, 273.571

Previews

White Background



This preview shows how the CIELCh color 65, 4.687, 90.180 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 CIE LCh color 65, 4.687, 90.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

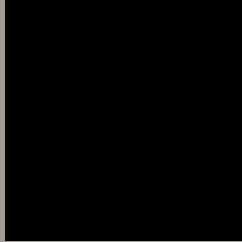
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 4.687, 90.180

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.687, 90.180.



This preview shows how white text looks on a background with the CIELCh color 65, 4.687, 90.180.

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, 4.687, 90.180

Protanopia

65, 4.830, 85.765

Deuteranopia

65, 9.579, 26.849



Tritanopia
65, 7.524, 317.572

Trichromacy



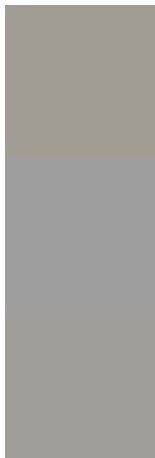
Original Color
65, 4.687, 90.180

Protanomaly
65, 4.830, 85.765

Deuteranomaly
65, 7.062, 38.153

Tritanomaly
65, 3.878, 333.922

Monochromacy



Original Color
65, 4.687, 90.180

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.696, 96.853

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 65, 4.687, 90.180 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, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(161, 157, 149)  
}
```

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, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 157, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.687, 90.180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

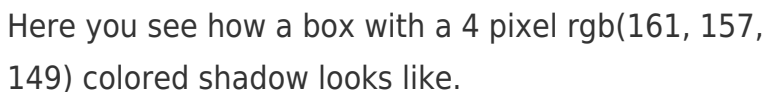
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 157, 149) }
```

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

```
.border{ border-color:rgb(161, 157, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 157, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 157, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 157, 149); box-shadow:4px 4px 4px 4px rgb(161, 157, 149) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.687, 90.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 157, 149) }
```

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

```
.background{ background-color: rgb(161,  
157, 149) }
```

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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