

Converting Colors

CIELCh(65, 4.579, 70.908)

Have a look what the booklet for
CIELCh(65, 4.579, 70.908) contains.

CIELCh(65, 4.732, 74.335)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(65, 4.732, 74.335)

Conversions

Conversions Part 1

Format	Color
Hex	A49D96
RGB	164, 157, 150
RGB Percent	64%, 62%, 59%
CMY	0.3582, 0.3856, 0.4131
CMYK	0.00, 0.04, 0.09, 0.36
HSL	30°, 7%, 61%
HSV	30°, 9%, 64%
XYZ	32.7174, 34.0472, 33.5603
YIQ	158.2950, 6.4190, -0.6930

Conversions

Conversions Part 2

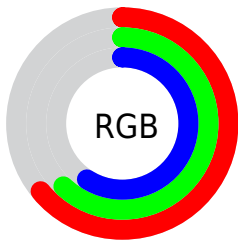
Format	Color
RYB	164, 164, 150
Decimal	10788246
CIELab	65.00, 1.28, 4.56
CIELCh	65, 4.732, 74.335
Yxy	34.0472, 0.3261, 0.3394
Android (android.graphics.Color)	4288978326 (0xFFA49D96)
YUV	158.2950, -4.0894, 5.0033
Hunter-Lab	58.3500, -2.0257, 6.7440

Details

The CIELCh color $65, 4.732, 74.335$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 4.644, 256.593$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 4.903, 78.015$, and $45, 4.866, 78.045$ is the 20% darker color. If you saturate the color by 10%, you get $62, 10.509, 73.181$, and if you desaturate by 10%, it is $68, 0.793, 256.017$.

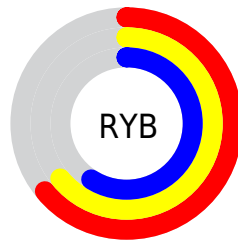
Distribution



Red (64%)

Green (62%)

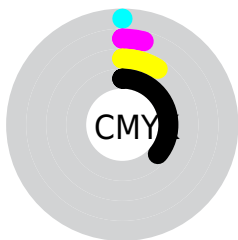
Blue (59%)



Red (64%)

Yellow (64%)

Blue (59%)

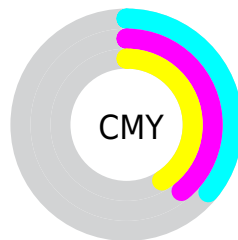


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (36%)



Cyan (36%)


Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 4.732, 74.335 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, 4.732, 74.335 by changing the saturation by 10% instead.

 65, 4.732, 74.335  65, 4.732, 74.335

 100, 4.732, 74.335  55, 4.732, 74.335

 85, 4.732, 74.335  45, 4.732, 74.335

 95, 4.732, 74.335  35, 4.732, 74.335

 25, 4.732, 74.335

 15, 4.732, 74.335

 5, 4.732, 74.335

 0, 4.732, 74.335

 65, 4.732, 74.335  65, 4.732, 74.335

 62, 10.509, 73.181  68, 0.793, 256.017

60, 16.555, 71.961

70, 6.090, 256.830

57, 22.880, 70.724

73, 11.183,
257.932

55, 29.472, 69.475

76, 16.094,
259.009

53, 36.276, 68.203

50, 43.152, 66.870

78, 20.844,
260.048

48, 49.807, 65.385

81, 25.452,
261.045

46, 55.685, 63.553

44, 60.338, 61.264

84, 26.074,
255.567

86, 24.430,
243.889

88, 23.868,
231.278

Harmonies

Complementary

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



65, 4.732, 74.335



64, 4.644, 256.593

Rectangle

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



65, 4.732, 74.335



65, 4.732, 124.335



65, 4.732, 254.335



65, 4.732, 304.335

Sweetspot

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



65, 4.733, 74.359



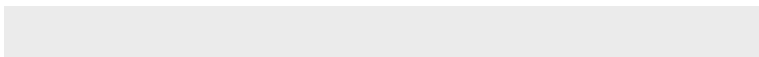
84, 2.018, 74.893



63, 6.684, 344.297



45, 1.546, 74.839



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, 4.733, 74.359



82, 6.850, 74.173



67, 7.696, 109.366



33, 3.129, 74.278



39, 55.858, 61.389



3, 4.647, 70.172

Inverse Universe

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



64, 4.644, 256.593



80, 6.691, 256.806



62, 7.851, 291.041



33, 3.064, 256.685



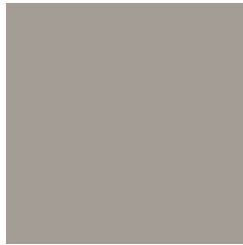
31, 46.641, 283.155



2, 4.975, 260.367

Previews

White Background



This preview shows how the CIELCh color 65, 4.732, 74.335 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, 4.732, 74.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

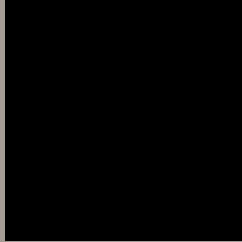
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

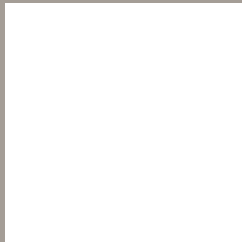
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 4.732, 74.335

Background



This preview shows how black text looks on a background with the CIELCh color 65, 4.732, 74.335.



This preview shows how white text looks on a background with the CIELCh color 65, 4.732, 74.335.

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, 4.732, 74.335

Protanopia

65, 4.327, 82.898

Deuteranopia

65, 9.507, 23.572



Tritanopia
65, 8.112, 324.803

Trichromacy



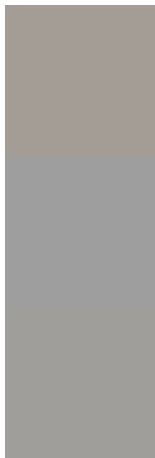
Original Color
65, 4.732, 74.335

Protanomaly
65, 4.516, 78.428

Deuteranomaly
65, 7.283, 33.118

Tritanomaly
65, 4.755, 344.067

Monochromacy



Original Color
65, 4.732, 74.335

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 1.819, 84.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 4.732, 74.335 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(164, 157, 150)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 150)  
}
```

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(164, 157, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 4.732, 74.335 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(164, 157, 150) }
```

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

```
.border{ border-color:rgb(164, 157, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 157, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 150);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 4.732, 74.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 157, 150) }
```

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

```
.background{ background-color: rgb(164,  
157, 150) }
```

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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