

Converting Colors

CIELCh(65, 8.354, 90.925)

Have a look what the booklet for
CIELCh(65, 8.354, 90.925) contains.

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Color

CIELCh(65, 8.226, 89.533)

Conversions

Conversions Part 1

Format	Color
Hex	A49D8F
RGB	164, 157, 143
RGB Percent	64%, 62%, 56%
CMY	0.3564, 0.3838, 0.4387
CMYK	0.00, 0.04, 0.13, 0.36
HSL	40°, 10%, 60%
HSV	40°, 13%, 64%
XYZ	32.3795, 34.0472, 30.8993
YIQ	157.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

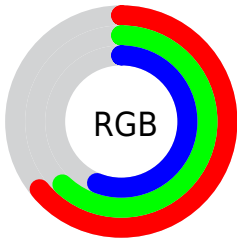
Format	Color
RYB	154, 164, 143
Decimal	10788239
CIELab	65.00, 0.07, 8.23
CIELCh	65, 8.226, 89.533
Yxy	34.0472, 0.3327, 0.3498
Android (android.graphics.Color)	4288978319 (0xFFA49D8F)
YUV	157.4970, -7.1470, 5.7031
Hunter-Lab	58.3500, -3.0595, 9.4479

Details

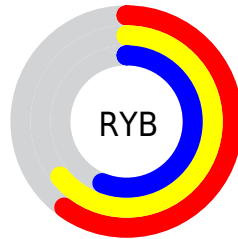
The CIELCh color $65, 8.226, 89.533$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 8.213, 272.842$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 8.265, 91.049$, and $45, 8.142, 90.486$ is the 20% darker color. If you saturate the color by 10%, you get $63, 14.814, 88.284$, and if you desaturate by 10%, it is $67, 1.773, 90.684$.

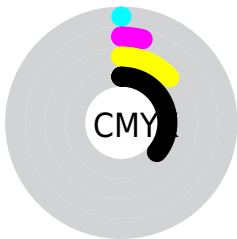
Distribution



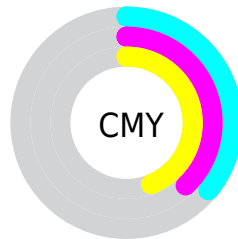
- Red (64%)
- Green (62%)
- Blue (56%)



- Red (60%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (36%)



- Cyan (36%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 8.226, 89.533 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, 8.226, 89.533 by changing the saturation by 10% instead.

 65, 8.226, 89.533  65, 8.226, 89.533

 100, 8.226, 89.533  55, 8.226, 89.533

 85, 8.226, 89.533  45, 8.226, 89.533


 95, 8.226, 89.533  35, 8.226, 89.533



 25, 8.226, 89.533

 15, 8.226, 89.533

 5, 8.226, 89.533

 0, 8.226, 89.533

 65, 8.226, 89.533  65, 8.226, 89.533

 63, 14.814, 88.284  67, 1.773, 90.684

61, 21.521, 86.977

69, 4.547, 272.031

60, 28.312, 85.630

71, 10.738,
273.140

58, 35.111, 84.240

73, 16.808,
274.218

56, 41.770, 82.794

55, 48.017, 81.255

75, 22.766,
275.247

53, 53.396, 79.544

77, 28.622,
276.227

52, 57.275, 77.519

51, 59.363, 75.933

79, 32.872,
276.133

80, 30.487,
271.045

82, 28.374,
265.208

Harmonies

Complementary

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



65, 8.226, 89.533



62, 8.213, 272.842

Rectangle

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



65, 8.226, 89.533



65, 8.226, 139.533



65, 8.226, 269.533



65, 8.226, 319.533

Sweetspot

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



65, 8.227, 89.546



85, 3.159, 90.566



61, 9.118, 354.856



45, 2.243, 90.490



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, 8.227, 89.546



82, 12.011, 89.237



67, 11.636, 115.802



34, 3.605, 89.976



45, 54.316, 76.247



4, 5.264, 86.246

Inverse Universe

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



62, 8.213, 272.842



78, 11.980, 273.204



60, 11.959, 297.682



32, 3.605, 272.355



24, 63.078, 295.895



2, 5.767, 273.565

Previews

White Background



This preview shows how the CIELCh color 65, 8.226, 89.533 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, 8.226, 89.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

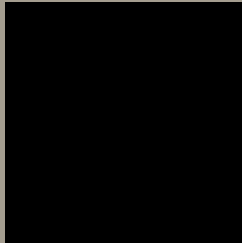
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

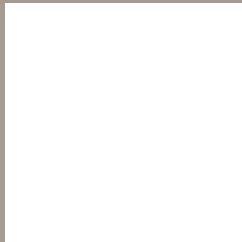
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 8.226, 89.533

Background



This preview shows how black text looks on a background with the CIELCh color 65, 8.226, 89.533.

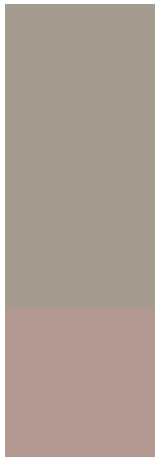


This preview shows how white text looks on a background with the CIELCh color 65, 8.226, 89.533.

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, 8.226, 89.533

Protanopia

65, 8.226, 89.533

Deuteranopia

65, 11.397, 43.003



Tritanopia
65, 8.331, 326.989

Trichromacy



Original Color
65, 8.226, 89.533

Protanomaly
65, 8.226, 89.533

Deuteranomaly
65, 9.433, 55.724

Tritanomaly
65, 4.567, 358.395

Monochromacy



Original Color
65, 8.226, 89.533

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.863, 94.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 8.226, 89.533 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 8.226, 89.533 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, 143) }
```

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

```
.border{ border-color:rgb(164, 157, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 8.226, 89.533 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, 143) }
```

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

```
.background{ background-color: rgb(164,  
157, 143) }
```

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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