

Converting Colors

CIELCh(65, 9.291, 91.649)

Have a look what the booklet for
CIELCh(65, 9.291, 91.649) contains.

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Color

CIELCh(65, 9.280, 91.659)

Conversions

Conversions Part 1

Format	Color
Hex	A49D8D
RGB	164, 157, 141
RGB Percent	64%, 62%, 55%
CMY	0.3559, 0.3833, 0.4461
CMYK	0.00, 0.04, 0.14, 0.36
HSL	42°, 11%, 60%
HSV	42°, 14%, 64%
XYZ	32.2862, 34.0472, 30.1643
YIQ	157.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

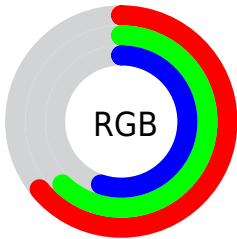
Format	Color
RYB	151, 164, 141
Decimal	10788237
CIELab	65.00, -0.27, 9.28
CIElCh	65, 9.280, 91.659
Yxy	34.0472, 0.3346, 0.3528
Android (android.graphics.Color)	4288978317 (0xFFA49D8D)
YUV	157.2690, -8.0206, 5.9031
Hunter-Lab	58.3500, -3.3449, 10.1947

Details

The CIELCh color $65, 9.280, 91.659$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.302, 275.230$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 9.269, 92.957$, and $45, 9.279, 92.558$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.048, 90.421$, and if you desaturate by 10%, it is $67, 2.626, 92.834$.

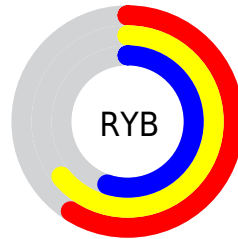
Distribution



Red (64%)

Green (62%)

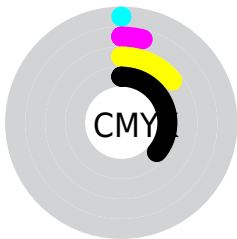
Blue (55%)



Red (59%)

Yellow (64%)

Blue (55%)

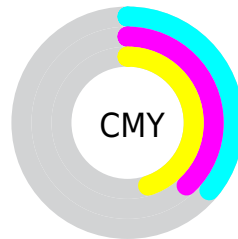


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (36%)



Cyan (36%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 9.280, 91.659 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, 9.280, 91.659 by changing the saturation by 10% instead.

■ 65, 9.280, 91.659 ■ 65, 9.280, 91.659

■ 100, 9.280, 91.659 ■ 55, 9.280, 91.659

■ 85, 9.280, 91.659 ■ 45, 9.280, 91.659

■ 95, 9.280, 91.659 ■ 35, 9.280, 91.659

■ 25, 9.280, 91.659

■ 15, 9.280, 91.659

■ 5, 9.280, 91.659

■ 0, 9.280, 91.659

■ 65, 9.280, 91.659 ■ 65, 9.280, 91.659

■ 63, 16.048, 90.421 ■ 67, 2.626, 92.834

62, 22.905, 89.128

69, 3.912, 274.127

60, 29.807, 87.797

70, 10.333,
275.220

58, 36.661, 86.426

72, 16.643,
276.286

57, 43.294, 85.003

55, 49.405, 83.493

74, 22.849,
277.305

54, 54.507, 81.824

76, 28.957,
278.274

53, 57.973, 79.868

52, 59.588, 78.634

78, 34.353,
278.832

79, 32.040,
274.579

80, 29.925,
269.740

Harmonies

Complementary

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



65, 9.280, 91.659



61, 9.302, 275.230

Rectangle

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



65, 9.280, 91.659



65, 9.280, 141.659



65, 9.280, 271.659



65, 9.280, 321.659

Sweetspot

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



65, 9.281, 91.670



85, 3.254, 92.827



61, 9.924, 356.116



45, 2.311, 92.752



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, 9.281, 91.670



82, 14.024, 91.262



67, 12.762, 116.389



34, 3.711, 92.242



46, 54.505, 78.921



4, 5.420, 88.823

Inverse Universe

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



61, 9.302, 275.230



76, 14.056, 275.717



60, 13.146, 298.395



32, 3.722, 274.578



23, 65.977, 297.471



1, 5.931, 275.473

Previews

White Background



This preview shows how the CIELCh color 65, 9.280, 91.659 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, 9.280, 91.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

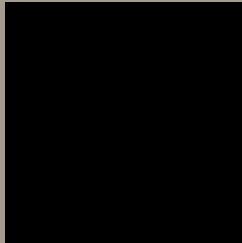
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

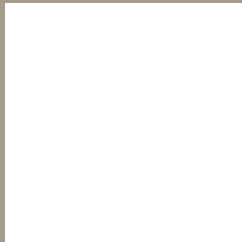
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 9.280, 91.659

Background



This preview shows how black text looks on a background with the CIELCh color 65, 9.280, 91.659.



This preview shows how white text looks on a background with the CIELCh color 65, 9.280, 91.659.

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, 9.280, 91.659

Protanopia

65, 9.280, 91.659

Deuteranopia

65, 12.296, 46.869



Tritanopia
65, 8.562, 329.067

Trichromacy



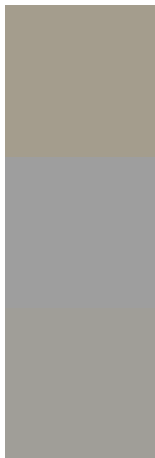
Original Color
65, 9.280, 91.659

Protanomaly
65, 9.280, 91.659

Deuteranomaly
65, 10.472, 59.125

Tritanomaly
65, 4.778, 6.365

Monochromacy



Original Color
65, 9.280, 91.659

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.400, 96.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 9.280, 91.659 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(164, 157, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 157, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 9.280, 91.659 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, 141) }
```

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

```
.border{ border-color:rgb(164, 157, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(164, 157,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 9.280, 91.659 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, 141) }
```

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

```
.background{ background-color: rgb(164,  
157, 141) }
```

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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