

Converting Colors

CIELCh(65, 7.801, 293.714)

Have a look what the booklet for
CIELCh(65, 7.801, 293.714) contains.

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Color

CIELCh(65, 7.810, 293.718)

Conversions

Conversions Part 1

Format	Color
Hex	9D9CAA
RGB	157, 156, 170
RGB Percent	62%, 61%, 67%
CMY	0.3827, 0.3866, 0.3317
CMYK	0.08, 0.08, 0.00, 0.33
HSL	244°, 8%, 64%
HSV	244°, 8%, 67%
XYZ	33.2422, 34.0472, 43.0623
YIQ	157.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

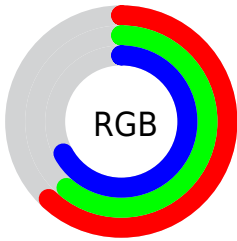
Format	Color
RYB	157, 156, 170
Decimal	10329258
CIELab	65.00, 3.14, -7.15
CIELCh	65, 7.810, 293.718
Yxy	34.0472, 0.3012, 0.3085
Android (android.graphics.Color)	4288519338 (0xFF9D9CAA)
YUV	157.8950, 5.9678, -0.7849
Hunter-Lab	58.3500, -0.4202, -2.9111

Details

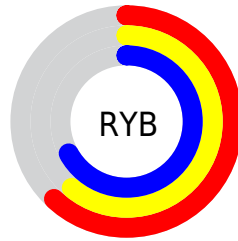
The CIELCh color $65, 7.810, 293.718$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.659, 112.293$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 7.947, 295.940$, and $45, 7.787, 294.155$ is the 20% darker color. If you saturate the color by 10%, you get $59, 17.650, 294.727$, and if you desaturate by 10%, it is $71, 1.651, 112.818$.

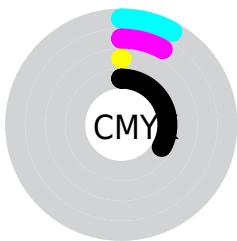
Distribution



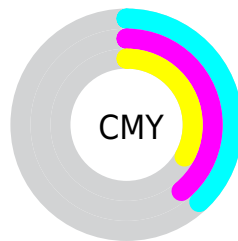
- Red (62%)
- Green (61%)
- Blue (67%)



- Red (62%)
- Yellow (61%)
- Blue (67%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (39%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 7.810, 293.718 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, 7.810, 293.718 by changing the saturation by 10% instead.

■ 65, 7.810, 293.718

■ 65, 7.810, 293.718

■ 100, 7.810,
293.718

■ 55, 7.810, 293.718

■ 85, 7.810, 293.718

■ 45, 7.810, 293.718

■ 95, 7.810, 293.718

■ 35, 7.810, 293.718

■ 25, 7.810, 293.718

■ 15, 7.810, 293.718

■ 5, 7.810, 293.718

■ 0, 7.810, 293.718

■ 65, 7.810, 293.718

■ 65, 7.810, 293.718

■ 59, 17.650,

■ 71, 1.651, 112.818

294.727

77, 10.755,
112.091

53, 27.898,
295.914

82, 19.528,
111.455

47, 38.569,
297.288

88, 27.995,
110.909

42, 49.642,
298.854

94, 36.174,
110.438

36, 61.015,
300.586

98, 42.340,
108.322

31, 72.383,
302.401

98, 42.325,
106.946

26, 83.062,
304.129

23, 91.836,
305.504

20, 97.629,
306.357

Harmonies

Complementary

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



65, 7.810, 293.718



69, 7.659, 112.293

Rectangle

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



65, 7.810, 293.718



65, 7.810, 343.718



65, 7.810, 113.718



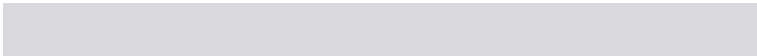
65, 7.810, 163.718

Sweetspot

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



65, 7.808, 293.712



87, 2.335, 293.171



68, 4.844, 205.194



46, 1.338, 293.163



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, 7.808, 293.712



81, 11.819, 293.899



66, 8.364, 311.690



33, 5.333, 293.812



17, 88.752, 306.563



1, 9.573, 292.592

Inverse Universe

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



66, 8.979, 326.850



83, 13.556, 326.966



69, 8.276, 131.036



33, 6.124, 326.913



34, 72.875, 331.233



2, 10.908, 327.222

Previews

White Background



This preview shows how the CIELCh color 65, 7.810, 293.718 looks on a white background.

Color Contrast Check

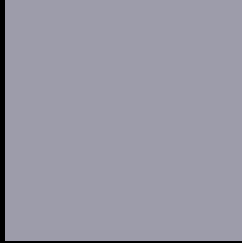
Large Text (above 18pt) WCAG AA × Fail

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, 7.810, 293.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

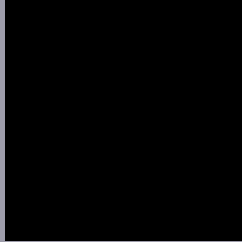
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

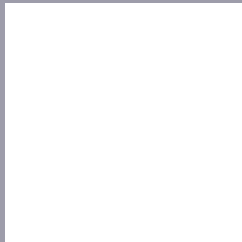
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 7.810, 293.718

Background



This preview shows how black text looks on a background with the CIELCh color 65, 7.810, 293.718.

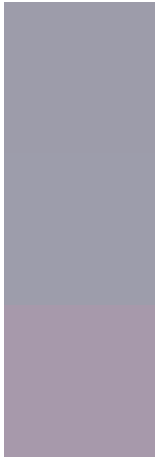


This preview shows how white text looks on a background with the CIELCh color 65, 7.810, 293.718.

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, 7.810, 293.718

Protanopia

65, 7.787, 291.005

Deuteranopia

65, 11.357, 318.577



Tritanopia
65, 6.675, 290.891

Trichromacy



Original Color
65, 7.810, 293.718

Protanomaly
65, 7.787, 291.005

Deuteranomaly
65, 10.218, 312.490

Tritanomaly
65, 7.231, 290.948

Monochromacy



Original Color
65, 7.810, 293.718

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.368, 296.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 7.810, 293.718 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(157, 156, 170)` looks like.

```
.text, #text, p{  
    color:rgb(157, 156, 170)  
}
```

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(157, 156, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 156, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 7.810, 293.718 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(157, 156, 170) }
```

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

```
.border{ border-color:rgb(157, 156, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 156, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 156, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 156, 170);  
box-shadow:4px 4px 4px 4px rgb(157, 156,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 7.810, 293.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 156, 170) }
```

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

```
.background{ background-color: rgb(157,  
156, 170) }
```

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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