

Converting Colors

CIELCh(64, 2.955, 90.478)

Have a look what the booklet for
CIELCh(64, 2.955, 90.478) contains.

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Color

CIELCh(64, 2.873, 94.165)

Conversions

Conversions Part 1

Format	Color
Hex	9D9B96
RGB	157, 155, 150
RGB Percent	62%, 61%, 59%
CMY	0.3844, 0.3922, 0.4119
CMYK	0.00, 0.01, 0.04, 0.38
HSL	43°, 3%, 60%
HSV	43°, 4%, 62%
XYZ	31.1204, 32.8017, 33.5355
YIQ	155.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

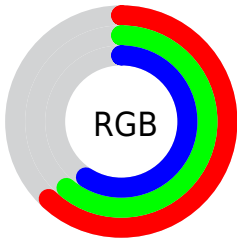
Format	Color
RYB	153, 157, 150
Decimal	10328982
CIELab	64.00, -0.21, 2.87
CIELCh	64, 2.873, 94.165
Yxy	32.8017, 0.3193, 0.3366
Android (android.graphics.Color)	4288519062 (0xFF9D9B96)
YUV	155.0280, -2.4788, 1.7294
Hunter-Lab	57.2727, -3.2353, 5.3743

Details

The CIELCh color **64, 2.873, 94.165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 2.892, 275.369**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 2.833, 87.079**, and **44, 3.091, 93.959** is the 20% darker color. If you saturate the color by 10%, you get **62, 9.411, 93.038**, and if you desaturate by 10%, it is **66, 3.560, 275.461**.

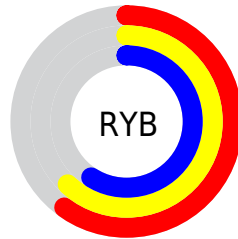
Distribution



Red (62%)

Green (61%)

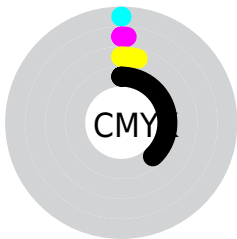
Blue (59%)



Red (60%)

Yellow (62%)

Blue (59%)

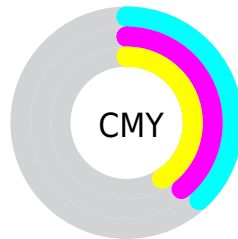


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (39%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 2.873, 94.165 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 64, 2.873, 94.165 by changing the saturation by 10% instead.

■ 64, 2.873, 94.165

■ 64, 2.873, 94.165

■ 100, 2.873, 94.165

■ 54, 2.873, 94.165

■ 84, 2.873, 94.165

■ 44, 2.873, 94.165

■ 94, 2.873, 94.165

■ 34, 2.873, 94.165

■ 24, 2.873, 94.165

■ 14, 2.873, 94.165

■ 4, 2.873, 94.165

■ 0, 2.873, 94.165

■ 64, 2.873, 94.165

■ 64, 2.873, 94.165

■ 62, 9.411, 93.038

■ 66, 3.560, 275.461

61, 16.042, 91.806

67, 9.891, 276.538

59, 22.742, 90.532

69, 16.122,
277.590

58, 29.462, 89.223

71, 22.257,
278.596

56, 36.107, 87.878

55, 42.500, 86.485

72, 28.302,
279.553

54, 48.342, 85.015

74, 34.264,
280.461

52, 53.163, 83.405

51, 56.385, 81.544

76, 37.642,
280.079

77, 35.490,
276.679

78, 33.475,
272.888

Harmonies

Complementary

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



64, 2.873, 94.165



63, 2.892, 275.369

Rectangle

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



64, 2.873, 94.165



64, 2.873, 144.165



64, 2.873, 274.165



64, 2.873, 324.165

Sweetspot

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



64, 2.874, 94.195



82, 0.789, 94.390



63, 2.963, 356.228



43, 0.447, 94.380



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 2.874, 94.195



81, 3.993, 94.128



64, 3.922, 117.704



33, 2.203, 94.078



46, 54.008, 80.696



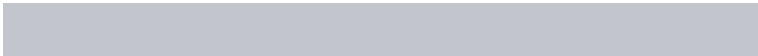
3, 4.626, 92.112

Inverse Universe

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



63, 2.892, 275.369



79, 4.016, 275.440



62, 3.972, 298.290



32, 2.215, 275.493



22, 66.864, 298.363



1, 4.881, 275.824

Previews

White Background



This preview shows how the CIELCh color 64, 2.873, 94.165 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 64, 2.873, 94.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

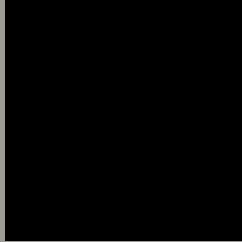
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

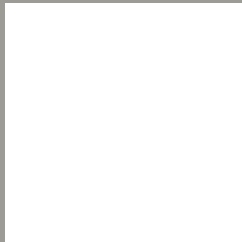
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 2.873, 94.165

Background



This preview shows how black text looks on a background with the CIELCh color 64, 2.873, 94.165.



This preview shows how white text looks on a background with the CIELCh color 64, 2.873, 94.165.

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


64, 2.873, 94.165

Protanopia

64, 2.940, 68.433

Deuteranopia

64, 8.282, 16.317



Tritanopia
64, 7.098, 309.370

Trichromacy



Original Color
64, 2.873, 94.165

Protanomaly
64, 2.699, 74.706

Deuteranomaly
64, 5.508, 25.609

Tritanomaly
64, 3.697, 314.781

Monochromacy



Original Color
64, 2.873, 94.165

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.166, 90.724

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 2.873, 94.165 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, 155, 150)` looks like.

```
.text, #text, p{  
    color:rgb(157, 155, 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(157, 155, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 155, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 2.873, 94.165 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, 155, 150) }
```

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

```
.border{ border-color:rgb(157, 155, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 155, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 155, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 155, 150);  
box-shadow:4px 4px 4px 4px rgb(157, 155,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 2.873, 94.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 155, 150) }
```

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

```
.background{ background-color: rgb(157,  
155, 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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