

Converting Colors

CIELCh(64, 7.843, 356.887)

Have a look what the booklet for
CIELCh(64, 7.843, 356.887) contains.

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Color

CIELCh(64, 8.108, 355.884)

Conversions

Conversions Part 1

Format	Color
Hex	A9969C
RGB	169, 150, 156
RGB Percent	66%, 59%, 61%
CMY	0.3359, 0.4105, 0.3869
CMYK	0.00, 0.11, 0.08, 0.34
HSL	341°, 10%, 63%
HSV	341°, 11%, 66%
XYZ	33.4224, 32.8017, 36.1694
YIQ	156.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

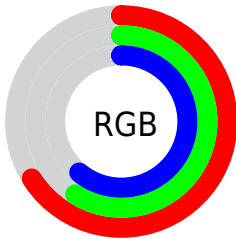
Format	Color
RYB	169, 150, 156
Decimal	11114140
CIELab	64.00, 8.09, -0.58
CIELCh	64, 8.108, 355.884
Yxy	32.8017, 0.3264, 0.3203
Android (android.graphics.Color)	4289304220 (0xFFA9969C)
YUV	156.3650, -0.1799, 11.0809
Hunter-Lab	57.2727, 3.9391, 2.6475

Details

The CIELCh color $64, 8.108, 355.884$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 7.866, 173.915$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 7.999, 356.745$, and $44, 8.341, 355.082$ is the 20% darker color. If you saturate the color by 10%, you get $59, 15.606, 357.003$, and if you desaturate by 10%, it is $69, 0.870, 354.515$.

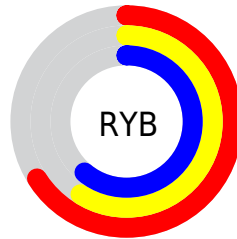
Distribution



Red (66%)

Green (59%)

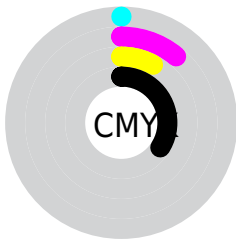
Blue (61%)



Red (66%)

Yellow (59%)

Blue (61%)

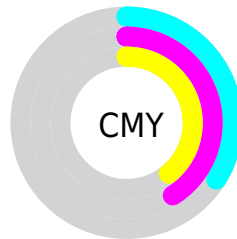


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 8.108, 355.884 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, 8.108, 355.884 by changing the saturation by 10% instead.

 64, 8.108, 355.884

 64, 8.108, 355.884

 100, 8.108,
355.884

 54, 8.108, 355.884

 84, 8.108, 355.884

 44, 8.108, 355.884

 94, 8.108, 355.884

 34, 8.108, 355.884

 24, 8.108, 355.884

 14, 8.108, 355.884

 4, 8.108, 355.884

 0, 8.108, 355.884

 64, 8.108, 355.884

 64, 8.108, 355.884

 59, 15.606,

 69, 0.870, 354.515

357.003

74, 6.068, 174.225

55, 23.292,
358.280

79, 12.698,
173.440

51, 31.023,
359.792

83, 19.029,
172.752

47, 38.583, 1.624

88, 25.078,
172.132

43, 45.676, 3.893

93, 30.867,
171.566

40, 51.956, 6.747

38, 57.122, 10.353

94, 29.534,
179.669

36, 61.064, 14.845

95, 27.524,
191.259

35, 63.947, 19.281

95, 26.932,
197.757

Harmonies

Complementary

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



64, 8.108, 355.884



68, 7.866, 173.915

Rectangle

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



64, 8.108, 355.884



64, 8.108, 45.884



64, 8.108, 175.884



64, 8.108, 225.884

Sweetspot

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



64, 8.106, 355.891



86, 2.634, 354.967



64, 11.726, 315.652



45, 1.996, 355.078



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 8.106, 355.891



80, 11.631, 356.105



65, 6.404, 37.375



33, 4.052, 355.686



31, 57.713, 18.590



2, 7.099, 357.950

Inverse Universe

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



64, 8.106, 355.891



80, 11.631, 356.105



67, 5.969, 217.881



33, 4.052, 355.686



31, 57.713, 18.590



2, 7.099, 357.950

Previews

White Background



This preview shows how the CIELCh color 64, 8.108, 355.884 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 64, 8.108, 355.884 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, 8.108, 355.884

Background



This preview shows how black text looks on a background with the CIELCh color 64, 8.108, 355.884.



This preview shows how white text looks on a background with the CIELCh color 64, 8.108, 355.884.

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, 8.108, 355.884

Protanopia

64, 3.032, 312.568

Deuteranopia

64, 8.467, 357.028



Tritanopia
64, 9.848, 341.948

Trichromacy



Original Color
64, 8.108, 355.884

Protanomaly
64, 4.167, 337.765

Deuteranomaly
64, 8.467, 357.028

Tritanomaly
64, 9.218, 347.420

Monochromacy



Original Color
64, 8.108, 355.884

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 2.572, 353.871

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 8.108, 355.884 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(169, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 156)  
}
```

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(169, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 8.108, 355.884 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(169, 150, 156) }
```

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

```
.border{ border-color:rgb(169, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 8.108, 355.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 156) }
```

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

```
.background{ background-color: rgb(169,  
150, 156) }
```

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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