

Converting Colors

CIELCh(64, 2.483, 19.114)

Have a look what the booklet for
CIELCh(64, 2.483, 19.114) contains.

CIELCh(64, 2.318, 19.425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 2.318, 19.425)

Conversions

Conversions Part 1

Format	Color
Hex	A09A9A
RGB	160, 154, 154
RGB Percent	63%, 60%, 60%
CMY	0.3735, 0.3970, 0.3971
CMYK	0.00, 0.04, 0.04, 0.37
HSL	0°, 3%, 61%
HSV	0°, 4%, 63%
XYZ	31.7737, 32.8017, 35.1199
YIQ	155.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

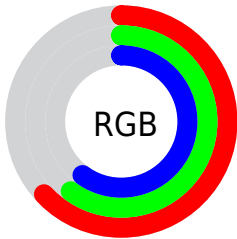
Format	Color
R _Y B	160, 154, 154
Decimal	10525338
CIE Lab	64.00, 2.19, 0.77
CIE LCh	64, 2.318, 19.425
Yxy	32.8017, 0.3187, 0.3290
Android (android.graphics.Color)	4288715418 (0xFFA09A9A)
YUV	155.7940, -0.8844, 3.6887
Hunter-Lab	57.2727, -1.1992, 3.7340

Details

The CIELCh color **64, 2.318, 19.425** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 2.263, 199.447**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 2.556, 19.373**, and **44, 2.499, 19.580** is the 20% darker color. If you saturate the color by 10%, you get **59, 8.820, 20.292**, and if you desaturate by 10%, it is **69, 3.705, 199.258**.

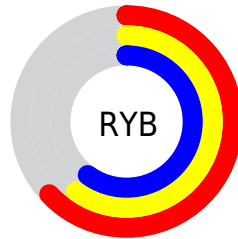
Distribution



Red (63%)

Green (60%)

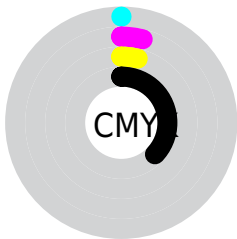
Blue (60%)



Red (63%)

Yellow (60%)

Blue (60%)

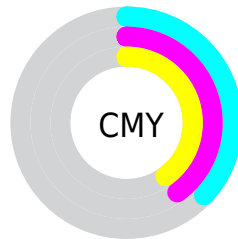


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (37%)



Cyan (37%)

Magenta (40%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 2.318, 19.425 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, 2.318, 19.425 by changing the saturation by 10% instead.

■ 64, 2.318, 19.425

■ 64, 2.318, 19.425

■ 100, 2.318, 19.425

■ 54, 2.318, 19.425

■ 84, 2.318, 19.425

■ 44, 2.318, 19.425

■ 94, 2.318, 19.425

■ 34, 2.318, 19.425

■ 24, 2.318, 19.425

■ 14, 2.318, 19.425

■ 4, 2.318, 19.425

■ 0, 2.318, 19.425

■ 64, 2.318, 19.425

■ 64, 2.318, 19.425

■ 59, 8.820, 20.292

■ 69, 3.705, 199.258

55, 15.828, 21.190

74, 9.285, 198.759

50, 23.332, 22.334

78, 14.466,
198.402

46, 31.279, 23.818

83, 19.295,
198.120

43, 39.545, 25.743

39, 47.932, 28.211

88, 23.813,
197.891

36, 56.162, 31.260

93, 28.060,
197.704

35, 63.824, 34.732

33, 70.099, 37.996

94, 29.455,
197.603

Harmonies

Complementary

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



64, 2.318, 19.425



65, 2.263, 199.447

Rectangle

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



64, 2.318, 19.425



64, 2.318, 69.425



64, 2.318, 199.425



64, 2.318, 249.425

Sweetspot

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



64, 2.317, 19.463



82, 0.754, 18.756



64, 4.076, 324.590



44, 0.432, 18.706



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



64, 2.317, 19.463



80, 3.823, 19.599



65, 2.013, 74.821



32, 2.090, 19.639



29, 67.086, 39.169



1, 4.471, 19.441

Inverse Universe

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



65, 2.263, 199.447



82, 3.705, 199.321



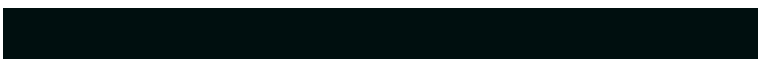
64, 2.006, 256.028



33, 2.020, 199.285



54, 32.523, 196.455



3, 4.470, 199.470

Previews

White Background



This preview shows how the CIELCh color 64, 2.318, 19.425 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, 2.318, 19.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

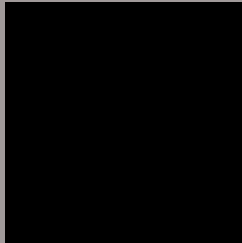
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

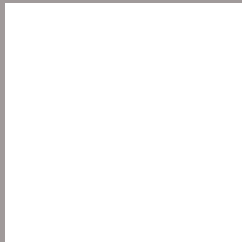
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 2.318, 19.425

Background



This preview shows how black text looks on a background with the CIELCh color 64, 2.318, 19.425.

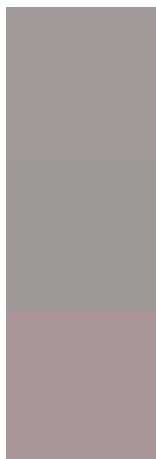


This preview shows how white text looks on a background with the CIELCh color 64, 2.318, 19.425.

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, 2.318, 19.425

Protanopia

64, 1.542, 19.254

Deuteranopia

64, 8.123, 4.299



Tritanopia
64, 7.550, 317.577

Trichromacy



Original Color
64, 2.318, 19.425

Protanomaly
64, 1.929, 19.349

Deuteranomaly
64, 6.076, 4.006

Tritanomaly
64, 4.983, 328.279

Monochromacy



Original Color
64, 2.318, 19.425

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 0.769, 18.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 2.318, 19.425 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(160, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(160, 154, 154)  
}
```

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(160, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 154, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 2.318, 19.425 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(160, 154, 154) }
```

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

```
.border{ border-color:rgb(160, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(160, 154,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 2.318, 19.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 154, 154) }
```

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

```
.background{ background-color: rgb(160,  
154, 154) }
```

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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