

Converting Colors

CIELCh(64, 2.220, 74.787)

Have a look what the booklet for
CIELCh(64, 2.220, 74.787) contains.

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Color

CIELCh(64, 2.495, 82.090)

Conversions

Conversions Part 1

Format	Color
Hex	9E9B97
RGB	158, 155, 151
RGB Percent	62%, 61%, 59%
CMY	0.3816, 0.3934, 0.4091
CMYK	0.00, 0.02, 0.04, 0.38
HSL	34°, 3%, 60%
HSV	34°, 4%, 62%
XYZ	31.2702, 32.8017, 33.8299
YIQ	155.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

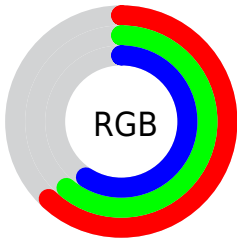
Format	Color
RYB	156, 158, 151
Decimal	10394519
CIELab	64.00, 0.34, 2.47
CIELCh	64, 2.495, 82.090
Yxy	32.8017, 0.3194, 0.3350
Android (android.graphics.Color)	4288584599 (0xFF9E9B97)
YUV	155.4410, -2.1894, 2.2442
Hunter-Lab	57.2727, -2.7684, 5.0694

Details

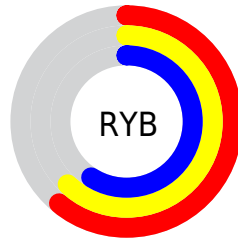
The CIELCh color **64, 2.495, 82.090** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 2.493, 263.438**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 2.545, 74.815**, and **44, 2.687, 81.890** is the 20% darker color. If you saturate the color by 10%, you get **62, 8.272, 80.949**, and if you desaturate by 10%, it is **66, 3.093, 263.533**.

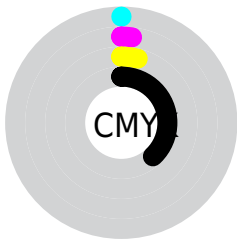
Distribution



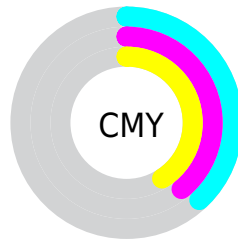
- Red (62%)
- Green (61%)
- Blue (59%)



- Red (61%)
- Yellow (62%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 2.495, 82.090 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, 2.495, 82.090 by changing the saturation by 10% instead.

 64, 2.495, 82.090  64, 2.495, 82.090

 100, 2.495, 82.090  54, 2.495, 82.090

 84, 2.495, 82.090  44, 2.495, 82.090

 94, 2.495, 82.090  34, 2.495, 82.090

 24, 2.495, 82.090

 14, 2.495, 82.090

 4, 2.495, 82.090

 0, 2.495, 82.090

 64, 2.495, 82.090  64, 2.495, 82.090

 62, 8.272, 80.949  66, 3.093, 263.533

60, 14.245, 79.674

69, 8.509, 264.651

57, 20.419, 78.361

71, 13.770,
265.764

55, 26.776, 77.014

73, 18.889,
266.835

53, 33.264, 75.630

51, 39.763, 74.185

76, 23.883,
267.859

49, 46.033, 72.620

78, 28.764,
268.834

48, 51.634, 70.814

46, 55.906, 68.547

80, 30.703,
266.780

82, 28.407,
259.207

84, 26.667,
250.583

Harmonies

Complementary

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



64, 2.495, 82.090



63, 2.493, 263.438

Rectangle

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



64, 2.495, 82.090



64, 2.495, 132.090



64, 2.495, 262.090



64, 2.495, 312.090

Sweetspot

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



64, 2.496, 82.130



82, 0.683, 82.192



63, 3.204, 347.670



43, 0.387, 82.169



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, 2.496, 82.130



81, 3.473, 82.062



65, 3.881, 112.423



33, 1.916, 82.014



41, 53.963, 67.607



3, 4.055, 79.860

Inverse Universe

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



63, 2.493, 263.438



80, 3.464, 263.511



63, 3.932, 293.190



32, 1.909, 263.563



28, 52.746, 289.431



2, 4.248, 264.865

Previews

White Background



This preview shows how the CIELCh color 64, 2.495, 82.090 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, 2.495, 82.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

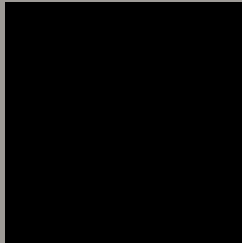
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

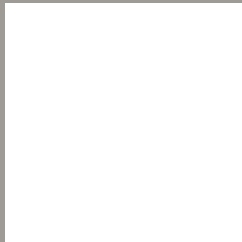
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 2.495, 82.090

Background



This preview shows how black text looks on a background with the CIELCh color 64, 2.495, 82.090.



This preview shows how white text looks on a background with the CIELCh color 64, 2.495, 82.090.

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, 2.495, 82.090

Protanopia

64, 2.940, 68.433

Deuteranopia

64, 8.319, 12.509



Tritanopia
64, 7.229, 312.207

Trichromacy



Original Color
64, 2.495, 82.090

Protanomaly
64, 2.940, 68.433

Deuteranomaly
64, 5.470, 19.839

Tritanomaly
64, 3.872, 319.917

Monochromacy



Original Color
64, 2.495, 82.090

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, 2.495, 82.090 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(158, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 151)  
}
```

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(158, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 2.495, 82.090 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(158, 155, 151) }
```

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

```
.border{ border-color:rgb(158, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 2.495, 82.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 155, 151) }
```

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

```
.background{ background-color: rgb(158,  
155, 151) }
```

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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