

Converting Colors

CIELCh(64, 4.445, 93.382)

Have a look what the booklet for
CIELCh(64, 4.445, 93.382) contains.

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Color

CIELCh(64, 4.585, 94.825)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 9E9B93 |
| RGB | 158, 155, 147 |
| RGB Percent | 62%, 61%, 58% |
| CMY | 0.3805, 0.3923, 0.4237 |
| CMYK | 0.00, 0.02, 0.07, 0.38 |
| HSL | 44°, 5%, 60% |
| HSV | 44°, 7%, 62% |
| XYZ | 31.0725, 32.8017, 32.2826 |
| YIQ | 154.9850, 4.3560, -1.8520 |

Conversions

Conversions Part 2

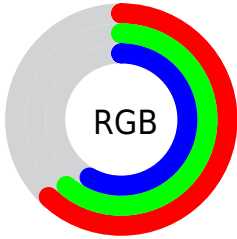
| Format | Color |
|-------------------------------------|--|
| RYB | 151, 158, 147 |
| Decimal | 10394515 |
| CIELab | 64.00, -0.39, 4.57 |
| CIElCh | 64, 4.585, 94.825 |
| Yxy | 32.8017, 0.3231, 0.3411 |
| Android (android.graphics.Color) | 4288584595 (0xFF9E9B93) |
| YUV | 154.9850, -3.9366, 2.6442 |
| Hunter-Lab | 57.2727, -3.3847, 6.6712 |

Details

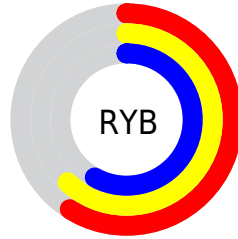
The CIELCh color **64, 4.585, 94.825** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 4.612, 276.568**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 4.439, 90.375**, and **44, 4.932, 94.488** is the 20% darker color. If you saturate the color by 10%, you get **62, 11.263, 93.666**, and if you desaturate by 10%, it is **66, 1.996, 276.123**.

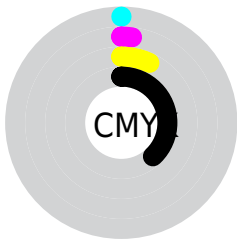
Distribution



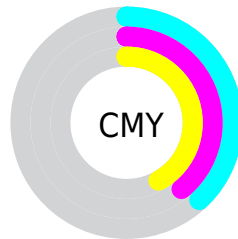
- Red (62%)
- Green (61%)
- Blue (58%)



- Red (59%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (38%)



- Cyan (38%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 4.585, 94.825 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, 4.585, 94.825 by changing the saturation by 10% instead.

 64, 4.585, 94.825  64, 4.585, 94.825

 100, 4.585, 94.825  54, 4.585, 94.825

 84, 4.585, 94.825  44, 4.585, 94.825


 94, 4.585, 94.825  34, 4.585, 94.825

 24, 4.585, 94.825

 14, 4.585, 94.825

 4, 4.585, 94.825

 0, 4.585, 94.825

 64, 4.585, 94.825  64, 4.585, 94.825

 62, 11.263, 93.666  66, 1.996, 276.123

61, 18.020, 92.433

67, 8.480, 277.170

59, 24.826, 91.162

69, 14.866,
278.225

58, 31.619, 89.858

71, 21.158,
279.235

57, 38.280, 88.518

55, 44.603, 87.131

72, 27.362,
280.197

54, 50.241, 85.664

74, 33.483,
281.109

53, 54.679, 84.048

52, 57.492, 82.201

76, 38.208,
281.361

77, 36.093,
278.216

78, 34.096,
274.721

Harmonies

Complementary

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



64, 4.585, 94.825



62, 4.612, 276.568

Rectangle

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



64, 4.585, 94.825



64, 4.585, 144.825



64, 4.585, 274.825



64, 4.585, 324.825

Sweetspot

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



64, 4.586, 94.844



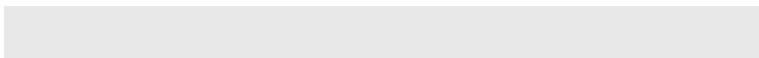
83, 1.626, 95.330



62, 4.636, 357.677



44, 0.932, 95.336



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, 4.586, 94.844



81, 6.562, 94.709



65, 6.172, 118.192



33, 3.734, 94.583



47, 54.175, 81.862



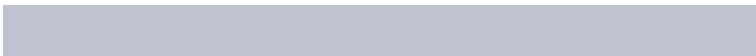
3, 4.690, 93.103

Inverse Universe

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



62, 4.612, 276.568



79, 6.599, 276.716



61, 6.270, 299.094



31, 3.756, 276.855



22, 68.096, 298.971



1, 4.946, 276.665

Previews

White Background



This preview shows how the CIELCh color 64, 4.585, 94.825 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, 4.585, 94.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

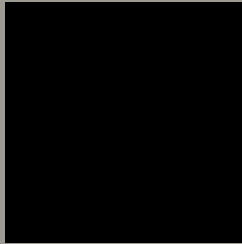
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

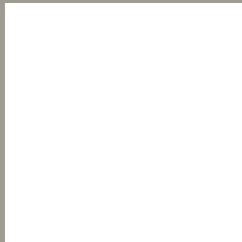
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 4.585, 94.825

Background



This preview shows how black text looks on a background with the CIELCh color 64, 4.585, 94.825.



This preview shows how white text looks on a background with the CIELCh color 64, 4.585, 94.825.

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, 4.585, 94.825

Protanopia

64, 4.533, 78.412

Deuteranopia

64, 9.202, 27.112



Tritanopia
64, 7.385, 314.946

Trichromacy



Original Color
64, 4.585, 94.825

Protanomaly
64, 4.343, 82.883

Deuteranomaly
64, 6.700, 39.199

Tritanomaly
64, 3.635, 329.544

Monochromacy



Original Color
64, 4.585, 94.825

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.702, 96.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 4.585, 94.825 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 155, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 155, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 4.585, 94.825 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, 147) }
```

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

```
.border{ border-color:rgb(158, 155, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 155, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 155, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 155,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 4.585, 94.825 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, 147) }
```

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

```
.background{ background-color: rgb(158,  
155, 147) }
```

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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