

Converting Colors

CIELCh(64, 25.599, 97.601)

Have a look what the booklet for
CIELCh(64, 25.599, 97.601) contains.

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Color

CIELCh(64, 25.264, 96.740)

Conversions

Conversions Part 1

Format	Color
Hex	A69B6E
RGB	166, 155, 110
RGB Percent	65%, 61%, 43%
CMY	0.3479, 0.3911, 0.5676
CMYK	0.00, 0.07, 0.34, 0.35
HSL	48°, 24%, 54%
HSV	48°, 34%, 65%
XYZ	30.3797, 32.8017, 19.5559
YIQ	153.1590, 21.0010, -11.6630

Conversions

Conversions Part 2

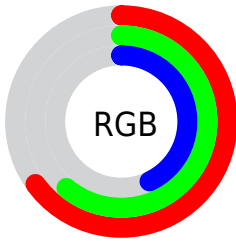
Format	Color
RYB	124, 166, 110
Decimal	10918766
CIELab	64.00, -2.97, 25.09
CIELCh	64, 25.264, 96.740
Yxy	32.8017, 0.3672, 0.3965
Android (android.graphics.Color)	4289108846 (0xFFA69B6E)
YUV	153.1590, -21.2774, 11.2616
Hunter-Lab	57.2727, -5.5441, 19.8462

Details

The CIELCh color **64, 25.264, 96.740** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **52, 26.312, 285.413**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.132, 96.182**, and **44, 25.073, 96.827** is the 20% darker color. If you saturate the color by 10%, you get **63, 32.716, 95.543**, and if you desaturate by 10%, it is **65, 17.743, 97.925**.

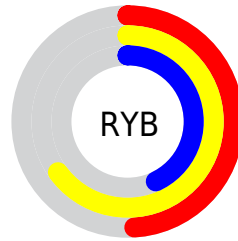
Distribution



Red (65%)

Green (61%)

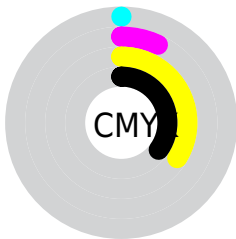
Blue (43%)



Red (49%)

Yellow (65%)

Blue (43%)

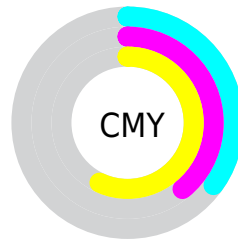


Cyan (0%)

Magenta (7%)

Yellow (34%)

Black (35%)



Cyan (35%)

Magenta (39%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 25.264, 96.740 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, 25.264, 96.740 by changing the saturation by 10% instead.

 64, 25.264, 96.740

 64, 25.264, 96.740

 100, 25.264,
96.740

 54, 25.264, 96.740

 84, 25.264, 96.740

 44, 25.264, 96.740

 94, 25.264, 96.740

 34, 25.264, 96.740

 24, 25.264, 96.740

 14, 25.264, 96.740

 4, 25.264, 96.740

 0, 25.264, 96.740

 64, 25.264, 96.740

 64, 25.264, 96.740

 63, 32.716, 95.543

 65, 17.743, 97.925

62, 39.969, 94.328

66, 10.220, 99.075

61, 46.815, 93.101

68, 2.738, 100.162

60, 52.913, 91.858

69, 4.683, 281.325

59, 57.776, 90.575

70, 12.032,
282.349

58, 60.857, 89.206

72, 19.305,
283.341

57, 62.187, 88.314

73, 26.501,
284.289

75, 33.620,
285.189

76, 38.080,
285.181

Harmonies

Complementary

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



64, 25.264, 96.740



52, 26.312, 285.413

Rectangle

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



64, 25.264, 96.740



64, 25.264, 146.740



64, 25.264, 276.740



64, 25.264, 326.740

Sweetspot

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



64, 25.265, 96.745



85, 9.248, 99.468



53, 24.027, 7.063



45, 6.364, 99.318



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, 25.265, 96.745



80, 37.193, 95.900



66, 31.251, 119.880



35, 4.258, 99.567



51, 57.110, 88.475



5, 7.277, 96.758

Inverse Universe

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



52, 26.312, 285.413



62, 39.198, 286.766



50, 33.431, 304.099



33, 4.307, 281.721



20, 77.089, 302.094



1, 8.005, 282.201

Previews

White Background



This preview shows how the CIELCh color 64, 25.264, 96.740 looks on a white background.

Color Contrast Check

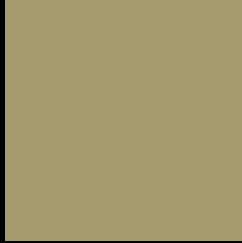
Large Text (above 18pt) WCAG AA × Fail

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, 25.264, 96.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

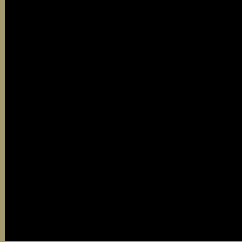
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 25.264, 96.740

Background



This preview shows how black text looks on a background with the CIELCh color 64, 25.264, 96.740.



This preview shows how white text looks on a background with the CIELCh color 64, 25.264, 96.740.

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, 25.264, 96.740

Protanopia

64, 25.352, 95.787

Deuteranopia

64, 25.751, 71.996



Tritanopia
64, 10.793, 345.950

Trichromacy



Original Color
64, 25.264, 96.740

Protanomaly
64, 25.352, 95.787

Deuteranomaly
64, 25.182, 80.232

Tritanomaly
64, 9.139, 52.995

Monochromacy



Original Color
64, 25.264, 96.740

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.575, 99.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 25.264, 96.740 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(166, 155, 110)` looks like.

```
.text, #text, p{  
    color:rgb(166, 155, 110)  
}
```

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(166, 155, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 155, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 25.264, 96.740 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(166, 155, 110) }
```

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

```
.border{ border-color:rgb(166, 155, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 155, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 155, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 155, 110);  
box-shadow:4px 4px 4px 4px rgb(166, 155,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 25.264, 96.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 155, 110) }
```

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

```
.background{ background-color: rgb(166,  
155, 110) }
```

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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