

Converting Colors

CIELCh(64, 29.424, 77.373)

Have a look what the booklet for
CIELCh(64, 29.424, 77.373) contains.

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Color

CIELCh(64, 29.507, 78.098)

Conversions

Conversions Part 1

Format	Color
Hex	B79668
RGB	183, 150, 104
RGB Percent	72%, 59%, 41%
CMY	0.2830, 0.4124, 0.5928
CMYK	0.00, 0.18, 0.43, 0.28
HSL	35°, 35%, 56%
HSV	35°, 43%, 72%
XYZ	32.8569, 32.8017, 17.6542
YIQ	154.6230, 34.4340, -7.3100

Conversions

Conversions Part 2

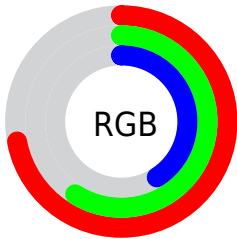
Format	Color
RYB	161, 183, 104
Decimal	12031592
CIELab	64.00, 6.09, 28.87
CIElCh	64, 29.507, 78.098
Yxy	32.8017, 0.3944, 0.3937
Android (android.graphics.Color)	4290221672 (0xFFB79668)
YUV	154.6230, -24.9571, 24.8866
Hunter-Lab	57.2727, 2.1768, 21.8149

Details

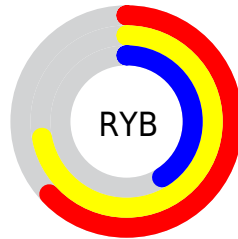
The CIELCh color **64, 29.507, 78.098** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 27.772, 271.407**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 29.273, 78.112**, and **44, 29.352, 77.858** is the 20% darker color. If you saturate the color by 10%, you get **62, 36.823, 76.697**, and if you desaturate by 10%, it is **66, 22.330, 79.469**.

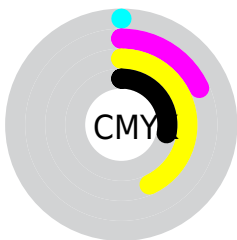
Distribution



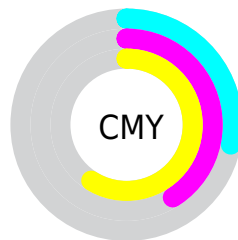
- Red (72%)
- Green (59%)
- Blue (41%)



- Red (63%)
- Yellow (72%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (43%)
- Black (28%)



- Cyan (28%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 29.507, 78.098 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, 29.507, 78.098 by changing the saturation by 10% instead.

■ 64, 29.507, 78.098

■ 64, 29.507, 78.098

■ 100, 29.507,
78.098

■ 54, 29.507, 78.098

■ 84, 29.507, 78.098

■ 44, 29.507, 78.098

■ 94, 29.507, 78.098

■ 34, 29.507, 78.098

■ 24, 29.507, 78.098

■ 14, 29.507, 78.098

■ 4, 29.507, 78.098

■ 0, 29.507, 78.098

■ 64, 29.507, 78.098

■ 64, 29.507, 78.098

■ 62, 36.823, 76.697

■ 66, 22.330, 79.469

60, 44.141, 75.229

69, 15.351, 80.800

57, 51.189, 73.644

71, 8.589, 82.088

55, 57.467, 71.821

74, 2.043, 83.247

54, 62.216, 69.541

76, 4.298, 264.676

52, 64.696, 67.803

79, 10.452,
265.814

81, 16.435,
266.933

84, 22.265,
268.007

86, 21.891,
260.400

Harmonies

Complementary

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



64, 29.507, 78.098



56, 27.772, 271.407

Rectangle

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



64, 29.507, 78.098



64, 29.507, 128.098



64, 29.507, 258.098



64, 29.507, 308.098

Sweetspot

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



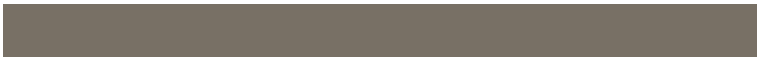
64, 29.507, 78.103



90, 10.451, 82.086



54, 36.299, 352.138



48, 7.400, 81.806



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



64, 29.507, 78.103



79, 44.449, 76.746



72, 41.727, 109.142



38, 3.675, 82.567



45, 57.362, 68.274



6, 9.069, 70.613

Inverse Universe

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



56, 27.772, 271.407



67, 41.352, 273.950



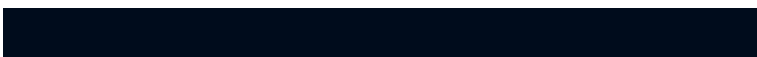
48, 46.651, 297.947



37, 3.638, 265.063



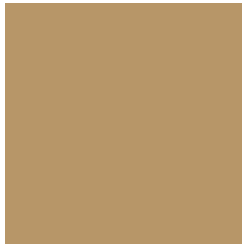
30, 57.697, 290.568



3, 11.009, 273.185

Previews

White Background



This preview shows how the CIELCh color 64, 29.507, 78.098 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, 29.507, 78.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

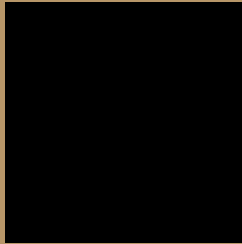
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 29.507, 78.098

Background



This preview shows how black text looks on a background with the CIELCh color 64, 29.507, 78.098.



This preview shows how white text looks on a background with the CIELCh color 64, 29.507, 78.098.

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, 29.507, 78.098

Protanopia

64, 27.570, 95.504

Deuteranopia

64, 30.040, 74.784



Tritanopia
64, 18.733, 2.431

Trichromacy



Original Color
64, 29.507, 78.098

Protanomaly
64, 27.944, 89.190

Deuteranomaly
64, 29.787, 75.481

Tritanomaly
64, 17.707, 37.164

Monochromacy



Original Color
64, 29.507, 78.098

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.143, 80.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 29.507, 78.098 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(183, 150, 104)` looks like.

```
.text, #text, p{  
    color:rgb(183, 150, 104)  
}
```

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(183, 150, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 150, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 29.507, 78.098 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(183, 150, 104) }
```

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

```
.border{ border-color:rgb(183, 150, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 150, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 150, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 150, 104);  
box-shadow:4px 4px 4px 4px rgb(183, 150,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 29.507, 78.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 150, 104) }
```

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

```
.background{ background-color: rgb(183,  
150, 104) }
```

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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