

Converting Colors

CIELCh(64, 40.446, 32.617)

Have a look what the booklet for
CIELCh(64, 40.446, 32.617) contains.

CIELCh(64, 40.511, 32.639)	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, 40.511, 32.639)

Conversions

Conversions Part 1

Format	Color
Hex	DE8276
RGB	222, 130, 118
RGB Percent	87%, 51%, 46%
CMY	0.1294, 0.4902, 0.5373
CMYK	0.00, 0.41, 0.47, 0.13
HSL	7°, 61%, 67%
HSV	7°, 47%, 87%
XYZ	41.3756, 32.8017, 21.2893
YIQ	156.1400, 58.6840, 15.7720

Conversions

Conversions Part 2

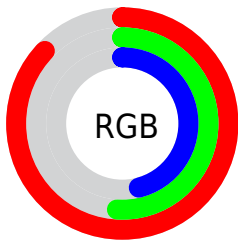
Format	Color
R _Y B	222, 132, 118
Decimal	14582390
CIE Lab	64.00, 34.11, 21.85
CIE LCh	64, 40.511, 32.639
Yxy	32.8017, 0.4334, 0.3436
Android (android.graphics.Color)	4292772470 (0xFFDE8276)
YUV	156.1400, -18.8030, 57.7592
Hunter-Lab	57.2727, 28.7266, 18.0518

Details

The CIELCh color **64, 40.511, 32.639** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79, 28.264, 210.777**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.517, 35.895**, and **44, 40.154, 32.484** is the 20% darker color. If you saturate the color by 10%, you get **60, 50.955, 33.923**, and if you desaturate by 10%, it is **69, 30.634, 31.696**.

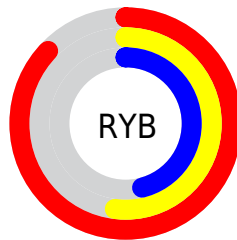
Distribution



Red (87%)

Green (51%)

Blue (46%)



Red (87%)

Yellow (52%)

Blue (46%)

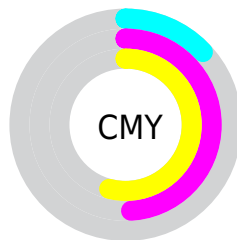


Cyan (0%)

Magenta (41%)

Yellow (47%)

Black (13%)



Cyan (13%)

Magenta (49%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 40.511, 32.639 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, 40.511, 32.639 by changing the saturation by 10% instead.

64, 40.511, 32.639

64, 40.511, 32.639

100, 40.511,
32.639

54, 40.511, 32.639

84, 40.511, 32.639

44, 40.511, 32.639

94, 40.511, 32.639

34, 40.511, 32.639

24, 40.511, 32.639

14, 40.511, 32.639

4, 40.511, 32.639

0, 40.511, 32.639

64, 40.511, 32.639

64, 40.511, 32.639

60, 50.955, 33.923

69, 30.634, 31.696

56, 61.780, 35.572

74, 21.422, 31.019

52, 72.610, 37.540

79, 12.893, 30.548

50, 82.669, 39.539

85, 5.026, 30.188

48, 90.332, 40.834

90, 2.223, 210.414

47, 92.317, 41.258

96, 8.914, 210.141

98, 11.154,
198.761

Harmonies

Complementary

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



64, 40.511, 32.639



79, 28.264, 210.777

Rectangle

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



64, 40.511, 32.639



64, 40.511, 82.639



64, 40.511, 212.639



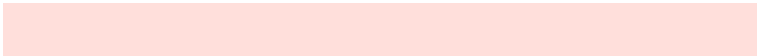
64, 40.511, 262.639

Sweetspot

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



64, 40.509, 32.643



91, 11.853, 30.445



64, 61.298, 330.003



47, 8.257, 30.526



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 40.509, 32.643



68, 56.090, 33.863



76, 38.068, 79.131



44, 4.251, 30.283



37, 77.310, 41.496



7, 23.597, 27.043

Inverse Universe

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



79, 28.264, 210.777



88, 35.759, 211.362



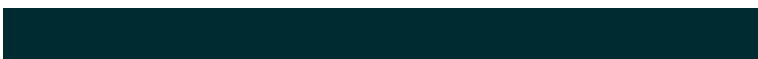
65, 36.124, 274.070



46, 3.998, 210.170



59, 33.448, 217.257



15, 13.920, 213.455

Previews

White Background



This preview shows how the CIELCh color 64, 40.511, 32.639 looks on a white background.

Color Contrast Check

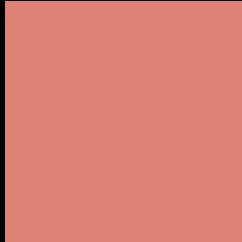
Large Text (above 18pt) WCAG AA × Fail

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, 40.511, 32.639 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, 40.511, 32.639

Background



This preview shows how black text looks on a background with the CIELCh color 64, 40.511, 32.639.



This preview shows how white text looks on a background with the CIELCh color 64, 40.511, 32.639.

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, 40.511, 32.639

Protanopia

64, 14.338, 93.753

Deuteranopia

64, 24.373, 70.045



Tritanopia
64, 39.626, 16.079

Trichromacy



Original Color
64, 40.511, 32.639

Protanomaly
64, 20.029, 53.973

Deuteranomaly
64, 28.622, 51.081

Tritanomaly
64, 39.727, 22.220

Monochromacy



Original Color
64, 40.511, 32.639

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.677, 32.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 40.511, 32.639 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(222, 130, 118)` looks like.

```
.text, #text, p{  
    color:rgb(222, 130, 118)  
}
```

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(222, 130, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 130, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 40.511, 32.639 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(222, 130, 118) }
```

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

```
.border{ border-color:rgb(222, 130, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 130, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 130, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 130, 118);  
box-shadow:4px 4px 4px 4px rgb(222, 130,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 40.511, 32.639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 130, 118) }
```

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

```
.background{ background-color: rgb(222,  
130, 118) }
```

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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