

Converting Colors

CIELCh(64, 41.762, 40.360)

Have a look what the booklet for
CIELCh(64, 41.762, 40.360) contains.

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Color

CIELCh(64, 41.762, 40.360)

Conversions

Conversions Part 1

Format	Color
Hex	DD846D
RGB	221, 132, 109
RGB Percent	87%, 52%, 43%
CMY	0.1350, 0.4838, 0.5740
CMYK	0.00, 0.40, 0.51, 0.14
HSL	12°, 62%, 65%
HSV	12°, 51%, 86%
XYZ	40.6295, 32.8017, 18.5569
YIQ	155.9890, 60.4270, 11.7150

Conversions

Conversions Part 2

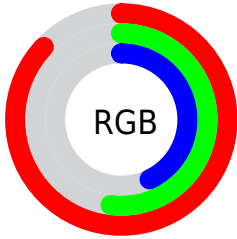
Format	Color
R _Y B	221, 138, 109
Decimal	14517357
CIE Lab	64.00, 31.82, 27.04
CIE LCh	64, 41.762, 40.360
Yxy	32.8017, 0.4417, 0.3566
Android (android.graphics.Color)	4292707437 (0xFFDD846D)
YUV	155.9890, -23.1656, 57.0146
Hunter-Lab	57.2727, 26.4013, 20.8804

Details

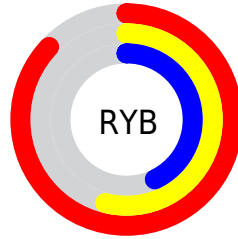
The CIELCh color **64, 41.762, 40.360** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 28.425, 223.834**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 31.329, 45.918**, and **44, 41.659, 40.444** is the 20% darker color. If you saturate the color by 10%, you get **60, 51.910, 40.989**, and if you desaturate by 10%, it is **68, 32.202, 39.966**.

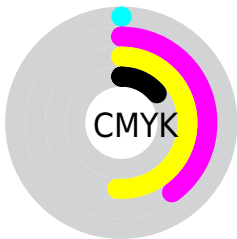
Distribution



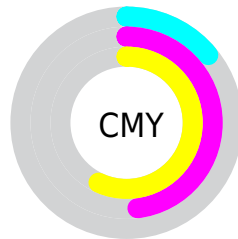
- Red (87%)
- Green (52%)
- Blue (43%)



- Red (87%)
- Yellow (54%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (51%)
- Black (14%)



- Cyan (14%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 41.762, 40.360 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, 41.762, 40.360 by changing the saturation by 10% instead.

64, 41.762, 40.360

64, 41.762, 40.360

100, 41.762,
40.360

54, 41.762, 40.360

84, 41.762, 40.360

44, 41.762, 40.360

94, 41.762, 40.360

34, 41.762, 40.360

24, 41.762, 40.360

14, 41.762, 40.360

4, 41.762, 40.360

0, 41.762, 40.360

64, 41.762, 40.360

64, 41.762, 40.360

60, 51.910, 40.989

68, 32.202, 39.966

56, 62.457, 41.827

73, 23.308, 39.769

53, 72.955, 42.752

78, 15.082, 39.733

50, 82.396, 43.377

83, 7.495, 39.802

49, 89.081, 43.385

88, 0.497, 38.914

93, 5.970, 220.465

97, 11.385,
200.503

98, 11.618,
198.730

Harmonies

Complementary

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



64, 41.762, 40.360



75, 28.425, 223.834

Rectangle

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



64, 41.762, 40.360



64, 41.762, 90.360



64, 41.762, 220.360



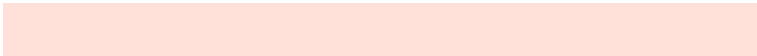
64, 41.762, 270.360

Sweetspot

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



64, 41.760, 40.364



92, 11.984, 39.764



62, 61.240, 333.926



48, 8.248, 39.749



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, 41.760, 40.364



68, 58.793, 41.046



77, 43.916, 87.070



43, 3.920, 39.812



38, 74.033, 43.787



7, 20.866, 31.679

Inverse Universe

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



75, 28.425, 223.834



83, 36.150, 225.629



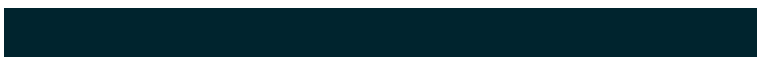
60, 44.744, 282.898



45, 3.698, 220.489



53, 32.980, 236.530



13, 13.099, 228.841

Previews

White Background



This preview shows how the CIELCh color 64, 41.762, 40.360 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, 41.762, 40.360 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, 41.762, 40.360

Background



This preview shows how black text looks on a background with the CIELCh color 64, 41.762, 40.360.



This preview shows how white text looks on a background with the CIELCh color 64, 41.762, 40.360.

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, 41.762, 40.360

Protanopia

64, 20.445, 94.941

Deuteranopia

64, 29.566, 74.317



Tritanopia
64, 39.210, 16.708

Trichromacy



Original Color
64, 41.762, 40.360

Protanomaly
64, 24.747, 65.562

Deuteranomaly
64, 32.678, 59.127

Tritanomaly
64, 39.297, 25.196

Monochromacy



Original Color
64, 41.762, 40.360

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.826, 39.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 41.762, 40.360 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(221, 132, 109)` looks like.

```
.text, #text, p{  
    color:rgb(221, 132, 109)  
}
```

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(221, 132, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 132, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 41.762, 40.360 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(221, 132, 109) }
```

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

```
.border{ border-color:rgb(221, 132, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 132, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 132, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 132, 109);  
box-shadow:4px 4px 4px 4px rgb(221, 132,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 41.762, 40.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 132, 109) }
```

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

```
.background{ background-color: rgb(221,  
132, 109) }
```

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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