

Converting Colors

CIELCh(64, 41.025, 30.157)

Have a look what the booklet for
CIELCh(64, 41.025, 30.157) contains.

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Color

CIELCh(64, 40.840, 30.425)

Conversions

Conversions Part 1

Format	Color
Hex	DF8178
RGB	223, 129, 120
RGB Percent	87%, 51%, 47%
CMY	0.1249, 0.4936, 0.5289
CMYK	0.00, 0.42, 0.46, 0.12
HSL	5°, 62%, 67%
HSV	5°, 46%, 88%
XYZ	41.7377, 32.8017, 21.9382
YIQ	156.0800, 58.9130, 17.1290

Conversions

Conversions Part 2

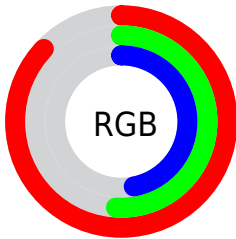
Format	Color
R _Y B	223, 130, 120
Decimal	14647672
CIE Lab	64.00, 35.22, 20.68
CIE LCh	64, 40.840, 30.425
Yxy	32.8017, 0.4326, 0.3400
Android (android.graphics.Color)	4292837752 (0xFFDF8178)
YUV	156.0800, -17.7874, 58.6888
Hunter-Lab	57.2727, 29.8552, 17.3801

Details

The CIELCh color **64, 40.840, 30.425** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **80, 28.724, 207.193**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.398, 32.906**, and **44, 40.680, 30.993** is the 20% darker color. If you saturate the color by 10%, you get **59, 51.428, 31.911**, and if you desaturate by 10%, it is **69, 30.791, 29.315**.

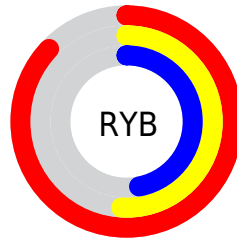
Distribution



Red (87%)

Green (51%)

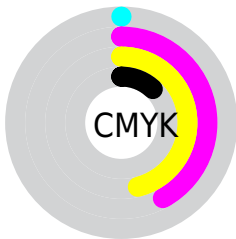
Blue (47%)



Red (87%)

Yellow (51%)

Blue (47%)

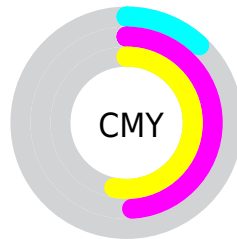


Cyan (0%)

Magenta (42%)

Yellow (46%)

Black (12%)



Cyan (12%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 40.840, 30.425 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, 40.840, 30.425 by changing the saturation by 10% instead.

 64, 40.840, 30.425

 64, 40.840, 30.425

 100, 40.840,
30.425

 54, 40.840, 30.425

 84, 40.840, 30.425

 44, 40.840, 30.425

 94, 40.840, 30.425

 34, 40.840, 30.425

 24, 40.840, 30.425

 14, 40.840, 30.425

 4, 40.840, 30.425

 0, 40.840, 30.425

 64, 40.840, 30.425

 64, 40.840, 30.425

 59, 51.428, 31.911

 69, 30.791, 29.315

■ 55, 62.350, 33.812

■ 74, 21.395, 28.495

■ 52, 73.228, 36.098

■ 80, 12.684, 27.896

■ 49, 83.313, 38.491

■ 85, 4.644, 27.411

■ 48, 90.996, 40.215

■ 91, 2.770, 207.489

■ 47, 93.291, 40.831

■ 97, 9.613, 207.164

■ 98, 10.782,
198.787

Harmonies

Complementary

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



64, 40.840, 30.425



80, 28.724, 207.193

Rectangle

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



64, 40.840, 30.425



64, 40.840, 80.425



64, 40.840, 210.425



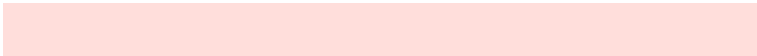
64, 40.840, 260.425

Sweetspot

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



64, 40.838, 30.429



91, 12.135, 27.793



65, 61.424, 329.415



47, 8.453, 27.902



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, 40.838, 30.429



68, 55.979, 31.784



76, 37.289, 77.695



44, 4.352, 27.573



37, 77.857, 41.020



7, 24.047, 25.469

Inverse Universe

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



80, 28.724, 207.193



89, 36.153, 207.511



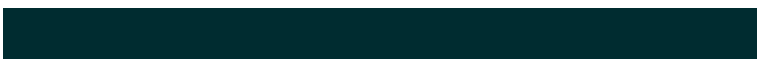
66, 34.959, 272.391



46, 4.094, 207.233



60, 34.148, 211.644



16, 14.217, 208.912

Previews

White Background



This preview shows how the CIELCh color 64, 40.840, 30.425 looks on a white background.

Color Contrast Check

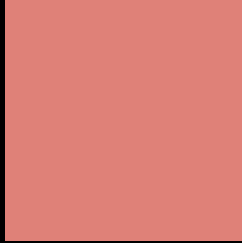
Large Text (above 18pt) WCAG AA × Fail

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, 40.840, 30.425 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, 40.840, 30.425

Background



This preview shows how black text looks on a background with the CIELCh color 64, 40.840, 30.425.

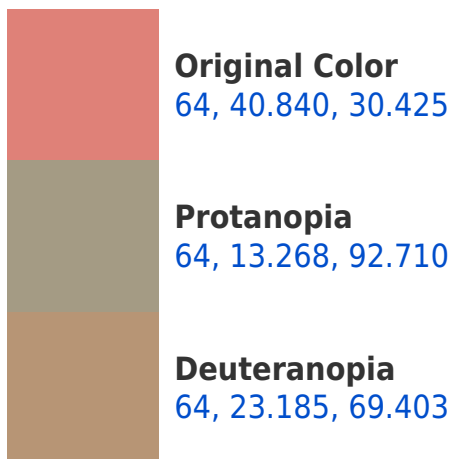


This preview shows how white text looks on a background with the CIELCh color 64, 40.840, 30.425.

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





Tritanopia
64, 40.078, 16.992

Trichromacy



Original Color
64, 40.840, 30.425

Protanomaly
64, 19.718, 50.862

Deuteranomaly
64, 27.952, 49.351

Tritanomaly
64, 40.146, 22.284

Monochromacy



Original Color
64, 40.840, 30.425

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.849, 27.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 40.840, 30.425 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(223, 129, 120)` looks like.

```
.text, #text, p{  
    color:rgb(223, 129, 120)  
}
```

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(223, 129, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 129, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 40.840, 30.425 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(223, 129, 120) }
```

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

```
.border{ border-color:rgb(223, 129, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 129, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 129, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 129, 120);  
box-shadow:4px 4px 4px 4px rgb(223, 129,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 40.840, 30.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 129, 120) }
```

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

```
.background{ background-color: rgb(223,  
129, 120) }
```

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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