

Converting Colors

CIELCh(65, 39.083, 20.820)

Have a look what the booklet for
CIELCh(65, 39.083, 20.820) contains.

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Color

CIELCh(65, 38.963, 20.485)

Conversions

Conversions Part 1

Format	Color
Hex	E18387
RGB	225, 131, 135
RGB Percent	88%, 51%, 53%
CMY	0.1171, 0.4858, 0.4701
CMYK	0.00, 0.42, 0.40, 0.12
HSL	357°, 61%, 70%
HSV	357°, 42%, 88%
XYZ	43.6079, 34.0472, 27.2386
YIQ	159.5620, 54.7400, 21.1720

Conversions

Conversions Part 2

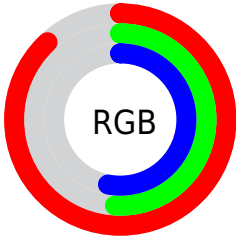
Format	Color
R _Y B	225, 131, 135
Decimal	14779271
CIE Lab	65.00, 36.50, 13.64
CIE LCh	65, 38.963, 20.485
Yxy	34.0472, 0.4157, 0.3246
Android (android.graphics.Color)	4292969351 (0xFFE18387)
YUV	159.5620, -12.1091, 57.3891
Hunter-Lab	58.3500, 31.2896, 13.1676

Details

The CIELCh color **65, 38.963, 20.485** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84, 29.612, 193.285**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.085, 18.349**, and **45, 39.281, 20.596** is the 20% darker color. If you saturate the color by 10%, you get **60, 49.553, 22.510**, and if you desaturate by 10%, it is **70, 28.720, 18.920**.

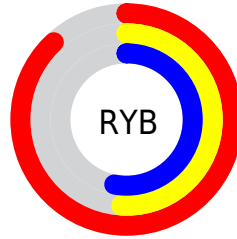
Distribution



Red (88%)

Green (51%)

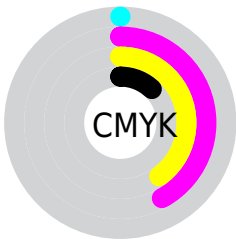
Blue (53%)



Red (88%)

Yellow (51%)

Blue (53%)

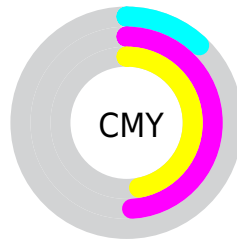


Cyan (0%)

Magenta (42%)

Yellow (40%)

Black (12%)



Cyan (12%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 38.963, 20.485 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 65, 38.963, 20.485 by changing the saturation by 10% instead.

65, 38.963, 20.485

65, 38.963, 20.485

100, 38.963,
20.485

55, 38.963, 20.485

85, 38.963, 20.485

45, 38.963, 20.485

95, 38.963, 20.485

35, 38.963, 20.485

25, 38.963, 20.485

15, 38.963, 20.485

5, 38.963, 20.485

0, 38.963, 20.485

65, 38.963, 20.485

65, 38.963, 20.485

60, 49.553, 22.510

70, 28.720, 18.920

■ 56, 60.224, 25.105

■ 76, 19.007, 17.692

■ 52, 70.617, 28.360

■ 82, 9.903, 16.704

■ 49, 80.304, 32.205

■ 88, 1.427, 15.581

■ 48, 88.594, 36.177

■ 95, 6.445, 195.472

■ 47, 93.477, 38.665

■ 98, 10.127,
198.831

Harmonies

Complementary

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



65, 38.963, 20.485



84, 29.612, 193.285

Rectangle

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



65, 38.963, 20.485



65, 38.963, 70.485



65, 38.963, 200.485



65, 38.963, 250.485

Sweetspot

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



65, 38.960, 20.488



91, 12.175, 16.826



67, 58.949, 325.188



47, 8.589, 17.035



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 38.960, 20.488



68, 52.790, 22.193



75, 31.975, 65.031



44, 4.730, 16.497



36, 77.292, 38.211



6, 25.443, 19.156

Inverse Universe

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



65, 38.960, 20.488



68, 52.790, 22.193



72, 27.254, 256.910



44, 4.730, 16.497



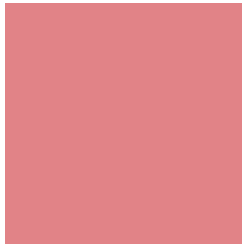
36, 77.292, 38.211



6, 25.443, 19.156

Previews

White Background



This preview shows how the CIELCh color 65, 38.963, 20.485 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 65, 38.963, 20.485 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 65, 38.963, 20.485

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.963, 20.485.



This preview shows how white text looks on a background with the CIELCh color 65, 38.963, 20.485.

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

65, 38.963, 20.485

Protanopia

65, 5.338, 88.081

Deuteranopia

65, 17.490, 61.484



Tritanopia
65, 39.479, 15.977

Trichromacy



Original Color
65, 38.963, 20.485

Protanomaly
65, 15.569, 28.937

Deuteranomaly
65, 23.717, 37.501

Tritanomaly
65, 39.568, 17.554

Monochromacy



Original Color
65, 38.963, 20.485

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 13.532, 18.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.963, 20.485 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(225, 131, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 131, 135)  
}
```

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(225, 131, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 131, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.963, 20.485 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(225, 131, 135) }
```

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

```
.border{ border-color:rgb(225, 131, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 131, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 131, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 131, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 131,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.963, 20.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 131, 135) }
```

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

```
.background{ background-color: rgb(225,  
131, 135) }
```

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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