

Converting Colors

CIELCh(65, 36.309, 23.212)

Have a look what the booklet for
CIELCh(65, 36.309, 23.212) contains.

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Color

CIELCh(65, 36.254, 23.225)

Conversions

Conversions Part 1

Format	Color
Hex	DD8686
RGB	221, 134, 134
RGB Percent	87%, 53%, 53%
CMY	0.1342, 0.4753, 0.4753
CMYK	0.00, 0.39, 0.39, 0.13
HSL	0°, 56%, 70%
HSV	0°, 39%, 87%
XYZ	42.5369, 34.0472, 26.8122
YIQ	160.0130, 51.8520, 18.4440

Conversions

Conversions Part 2

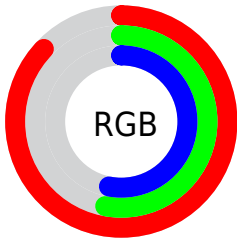
Format	Color
R _Y B	221, 134, 134
Decimal	14517894
CIE Lab	65.00, 33.32, 14.30
CIE LCh	65, 36.254, 23.225
Yxy	34.0472, 0.4114, 0.3293
Android (android.graphics.Color)	4292707974 (0xFFDD8686)
YUV	160.0130, -12.8244, 53.4856
Hunter-Lab	58.3500, 28.0135, 13.6008

Details

The CIELCh color **65, 36.254, 23.225** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83, 27.416, 197.536**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 26.003, 22.647**, and **45, 36.118, 23.871** is the 20% darker color. If you saturate the color by 10%, you get **60, 46.895, 25.038**, and if you desaturate by 10%, it is **71, 26.101, 21.845**.

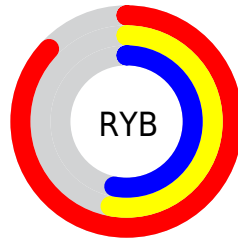
Distribution



Red (87%)

Green (53%)

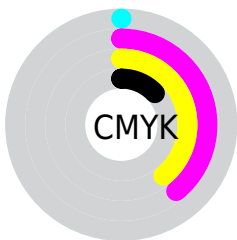
Blue (53%)



Red (87%)

Yellow (53%)

Blue (53%)

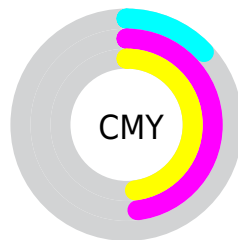


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (13%)



Cyan (13%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 36.254, 23.225 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, 36.254, 23.225 by changing the saturation by 10% instead.

65, 36.254, 23.225

65, 36.254, 23.225

100, 36.254,
23.225

55, 36.254, 23.225

85, 36.254, 23.225

45, 36.254, 23.225

95, 36.254, 23.225

35, 36.254, 23.225

25, 36.254, 23.225

15, 36.254, 23.225

5, 36.254, 23.225

0, 36.254, 23.225

65, 36.254, 23.225

65, 36.254, 23.225

60, 46.895, 25.038

71, 26.101, 21.845

■ 55, 57.794, 27.383

■ 76, 16.573, 20.779

■ 52, 68.604, 30.339

■ 82, 7.717, 19.929

■ 49, 78.838, 33.816

■ 88, 0.478, 200.622

■ 47, 87.589, 37.309

■ 95, 8.052, 198.959

■ 46, 93.449, 39.849

■ 98, 11.551,
198.734

■ 46, 93.789, 40.000

Harmonies

Complementary

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



65, 36.254, 23.225



83, 27.416, 197.536

Rectangle

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



65, 36.254, 23.225



65, 36.254, 73.225



65, 36.254, 203.225



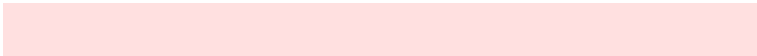
65, 36.254, 253.225

Sweetspot

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



65, 36.252, 23.229



92, 11.200, 20.145



68, 55.516, 326.548



48, 7.468, 20.253



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, 36.252, 23.229



70, 49.865, 24.634



75, 29.942, 70.494



43, 4.639, 19.932



36, 78.235, 39.928



5, 23.840, 20.269

Inverse Universe

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



83, 27.416, 197.536



93, 35.330, 197.250



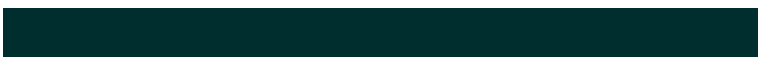
71, 26.753, 262.196



45, 4.371, 198.972



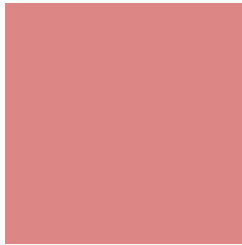
64, 37.531, 196.387



16, 15.074, 196.387

Previews

White Background



This preview shows how the CIELCh color 65, 36.254, 23.225 looks on a white background.

Color Contrast Check

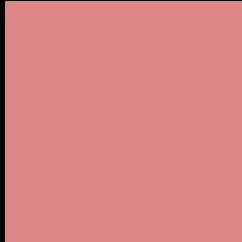
Large Text (above 18pt) WCAG AA × Fail

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, 36.254, 23.225 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, 36.254, 23.225

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.254, 23.225.



This preview shows how white text looks on a background with the CIELCh color 65, 36.254, 23.225.

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, 36.254, 23.225

Protanopia

65, 7.036, 89.757

Deuteranopia

65, 17.490, 61.484



Tritanopia
65, 36.950, 15.083

Trichromacy



Original Color
65, 36.254, 23.225

Protanomaly
65, 15.187, 35.370

Deuteranomaly
65, 23.085, 39.264

Tritanomaly
65, 36.652, 18.317

Monochromacy



Original Color
65, 36.254, 23.225

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 12.740, 20.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.254, 23.225 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, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(221, 134, 134)  
}
```

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, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 134, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.254, 23.225 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, 134, 134) }
```

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

```
.border{ border-color:rgb(221, 134, 134) }
```

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

Here you see how a box with a 4 pixel rgb(221, 134, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(221, 134,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.254, 23.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 134, 134) }
```

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

```
.background{ background-color: rgb(221,  
134, 134) }
```

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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