

Converting Colors

CIELCh(65, 38.703, 1.596)

Have a look what the booklet for
CIELCh(65, 38.703, 1.596) contains.

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Color

CIELCh(65, 38.633, 1.552)

Conversions

Conversions Part 1

Format	Color
Hex	DE829D
RGB	222, 130, 157
RGB Percent	87%, 51%, 62%
CMY	0.1283, 0.4892, 0.3833
CMYK	0.00, 0.41, 0.29, 0.13
HSL	342°, 58%, 69%
HSV	342°, 41%, 87%
XYZ	44.3309, 34.0472, 36.2446
YIQ	160.5860, 46.1650, 27.9010

Conversions

Conversions Part 2

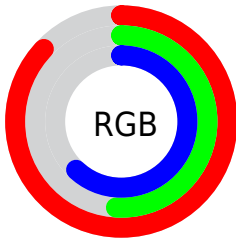
Format	Color
R _{YB}	222, 130, 157
Decimal	14582429
CIE Lab	65.00, 38.62, 1.05
CIE LCh	65, 38.633, 1.552
Yxy	34.0472, 0.3868, 0.2970
Android (android.graphics.Color)	4292772509 (0xFFDE829D)
YUV	160.5860, -1.7679, 53.8601
Hunter-Lab	58.3500, 33.5015, 4.0165

Details

The CIELCh color $65, 38.633, 1.552$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $82, 33.993, 172.118$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 29.731, 353.557$, and $45, 38.917, 1.458$ is the 20% darker color. If you saturate the color by 10%, you get $60, 48.046, 3.506$, and if you desaturate by 10%, it is $70, 29.008, 359.960$.

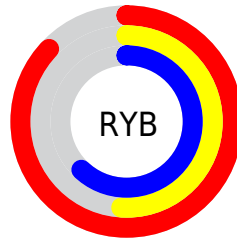
Distribution



Red (87%)

Green (51%)

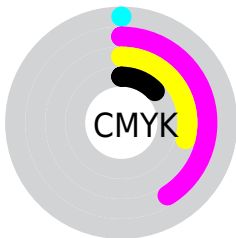
Blue (62%)



Red (87%)

Yellow (51%)

Blue (62%)

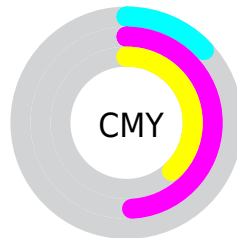


Cyan (0%)

Magenta (41%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 38.633, 1.552 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, 38.633, 1.552 by changing the saturation by 10% instead.

 65, 38.633, 1.552  65, 38.633, 1.552

 100, 38.633, 1.552  55, 38.633, 1.552

 85, 38.633, 1.552  45, 38.633, 1.552

 95, 38.633, 1.552  35, 38.633, 1.552

 25, 38.633, 1.552

 15, 38.633, 1.552

 5, 38.633, 1.552

 0, 38.633, 1.552

 65, 38.633, 1.552  65, 38.633, 1.552

 60, 48.046, 3.506  70, 29.008,

■ 56, 56.874, 5.944

359.960

■ 52, 64.680, 9.032

■ 76, 19.461,
358.626

■ 49, 71.111, 12.940

■ 82, 10.167,
357.475

■ 48, 76.091, 17.774

■ 47, 79.643, 22.468

■ 88, 1.225, 356.127

■ 94, 7.323, 175.766

■ 98, 11.314,
189.602

■ 98, 11.064,
198.767

Harmonies

Complementary

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



65, 38.633, 1.552



82, 33.993, 172.118

Rectangle

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



65, 38.633, 1.552



65, 38.633, 51.552



65, 38.633, 181.552



65, 38.633, 231.552

Sweetspot

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



65, 38.630, 1.554



92, 11.982, 357.551



64, 55.182, 317.500



48, 7.969, 357.696



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, 38.630, 1.554



69, 52.261, 3.288



68, 33.121, 39.486



44, 5.083, 357.264



37, 66.517, 21.486



6, 25.347, 8.052

Inverse Universe

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



65, 38.630, 1.554



69, 52.261, 3.288



78, 24.469, 221.893



44, 5.083, 357.264



37, 66.517, 21.486



6, 25.347, 8.052

Previews

White Background



This preview shows how the CIELCh color 65, 38.633, 1.552 looks on a white background.

Color Contrast Check

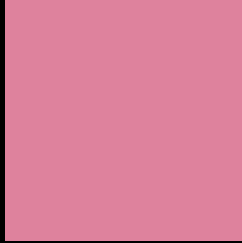
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 65, 38.633, 1.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

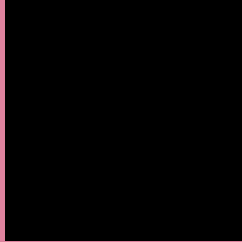
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 38.633, 1.552

Background



This preview shows how black text looks on a background with the CIELCh color 65, 38.633, 1.552.



This preview shows how white text looks on a background with the CIELCh color 65, 38.633, 1.552.

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, 38.633, 1.552

Protanopia

65, 8.898, 291.120

Deuteranopia

65, 8.651, 20.168



Tritanopia
65, 36.094, 14.760

Trichromacy



Original Color
65, 38.633, 1.552

Protanomaly
65, 17.087, 340.643

Deuteranomaly
65, 19.327, 4.851

Tritanomaly
65, 36.583, 9.806

Monochromacy



Original Color
65, 38.633, 1.552

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 13.969, 357.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 38.633, 1.552 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(222, 130, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 130, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 38.633, 1.552 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, 157) }
```

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

```
.border{ border-color:rgb(222, 130, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 130, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 130, 157); box-shadow:4px 4px 4px 4px rgb(222, 130, 157) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 38.633, 1.552 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, 157) }
```

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

```
.background{ background-color: rgb(222,  
130, 157) }
```

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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