

Converting Colors

CIELCh(52, 73.792, 1.311)

Have a look what the booklet for
CIELCh(52, 73.792, 1.311) contains.

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Color

CIELCh(52, 73.592, 1.281)

Conversions

Conversions Part 1

Format	Color
Hex	E72A7C
RGB	231, 42, 124
RGB Percent	91%, 16%, 49%
CMY	0.0935, 0.8344, 0.5132
CMYK	0.00, 0.82, 0.46, 0.09
HSL	334°, 80%, 54%
HSV	334°, 82%, 91%
XYZ	37.4869, 20.1443, 21.0233
YIQ	107.8590, 86.3220, 65.5700

Conversions

Conversions Part 2

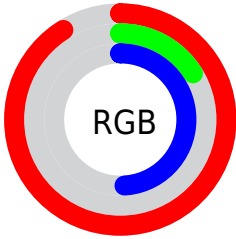
Format	Color
RYB	231, 42, 124
Decimal	15149692
CIELab	52.00, 73.57, 1.65
CIELCh	52, 73.592, 1.281
Yxy	20.1443, 0.4766, 0.2561
Android (android.graphics.Color)	4293339772 (0xFFE72A7C)
YUV	107.8590, 7.9575, 107.9947
Hunter-Lab	44.8824, 70.5433, 3.6458

Details

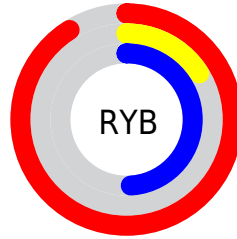
The CIELCh color **52, 73.592, 1.281** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **82, 68.761, 156.449**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 62.494, 353.009**, and **36, 62.035, 6.489** is the 20% darker color. If you saturate the color by 10%, you get **50, 76.881, 5.289**, and if you desaturate by 10%, it is **55, 68.222, 358.120**.

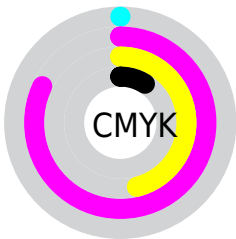
Distribution



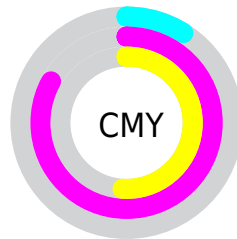
- Red (91%)
- Green (16%)
- Blue (49%)



- Red (91%)
- Yellow (16%)
- Blue (49%)



- Cyan (0%)
- Magenta (82%)
- Yellow (46%)
- Black (9%)



- Cyan (9%)
- Magenta (83%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 73.592, 1.281 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 52, 73.592, 1.281 by changing the saturation by 10% instead.

 52, 73.592, 1.281

 52, 73.592, 1.281

 100, 73.592, 1.281

 42, 73.592, 1.281

 72, 73.592, 1.281

 32, 73.592, 1.281

 82, 73.592, 1.281

 22, 73.592, 1.281

 92, 73.592, 1.281

 12, 73.592, 1.281


 2, 73.592, 1.281

 0, 73.592, 1.281

 52, 73.592, 1.281

 52, 73.592, 1.281

 50, 76.881, 5.289

 55, 68.222,
358.120

 49, 78.475, 9.205

58, 60.931,
355.627

63, 52.164,
353.634

68, 42.447,
352.004

73, 32.246,
350.635

79, 21.913,
349.458

85, 11.684,
348.415

91, 1.703, 347.266

97, 7.953, 166.791

Harmonies

Complementary

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



52, 73.592, 1.281



82, 68.761, 156.449

Rectangle

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



52, 73.592, 1.281



52, 73.592, 51.281



52, 73.592, 181.281



52, 73.592, 231.281

Sweetspot

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



52, 73.588, 1.282



84, 27.387, 349.841



44, 104.457, 313.853



42, 18.736, 350.257



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 73.588, 1.282



55, 84.160, 8.524



51, 82.598, 36.192



45, 5.606, 348.189



38, 64.629, 8.278



7, 27.085, 359.935

Inverse Universe

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



52, 73.588, 1.282



55, 84.160, 8.524



81, 42.186, 203.571



45, 5.606, 348.189



38, 64.629, 8.278



7, 27.085, 359.935

Previews

White Background



This preview shows how the CIELCh color 52, 73.592, 1.281 looks on a white background.

Color Contrast Check

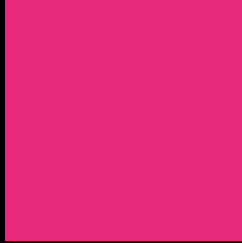
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 73.592, 1.281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

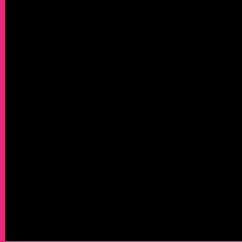
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 73.592, 1.281

Background



This preview shows how black text looks on a background with the CIELCh color 52, 73.592, 1.281.



This preview shows how white text looks on a background with the CIELCh color 52, 73.592, 1.281.

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

52, 73.592, 1.281

Protanopia

52, 27.979, 285.484

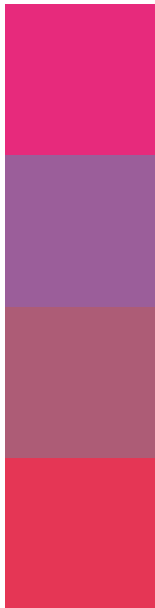
Deuteranopia

52, 8.862, 39.170



Tritanopia
52, 74.079, 30.921

Trichromacy



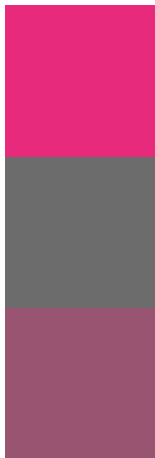
Original Color
52, 73.592, 1.281

Protanomaly
49, 41.182, 326.961

Deuteranomaly
49, 35.969, 0.401

Tritanomaly
52, 71.609, 20.350

Monochromacy



Original Color
52, 73.592, 1.281

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 32.774, 352.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 73.592, 1.281 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(231, 42, 124)` looks like.

```
.text, #text, p{  
    color:rgb(231, 42, 124)  
}
```

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(231, 42, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 42, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 73.592, 1.281 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(231, 42, 124) }
```

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

```
.border{ border-color:rgb(231, 42, 124) }
```

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

Here you see how a box with a 4 pixel rgb(231, 42, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 42, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 42, 124);  
box-shadow:4px 4px 4px 4px rgb(231, 42,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 73.592, 1.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 42, 124) }
```

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

```
.background{ background-color: rgb(231, 42,  
124) }
```

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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