

Converting Colors

CIELCh(52, 72.581, 2.127)

Have a look what the booklet for
CIELCh(52, 72.581, 2.127) contains.

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Color

CIELCh(52, 72.503, 2.243)

Conversions

Conversions Part 1

Format	Color
Hex	E62D7A
RGB	230, 45, 122
RGB Percent	90%, 18%, 48%
CMY	0.0975, 0.8228, 0.5211
CMYK	0.00, 0.80, 0.47, 0.10
HSL	335°, 79%, 54%
HSV	335°, 80%, 90%
XYZ	37.1426, 20.1443, 20.3794
YIQ	109.0930, 85.5430, 63.1670

Conversions

Conversions Part 2

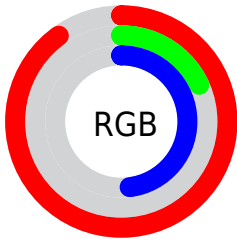
Format	Color
R _Y B	230, 45, 122
Decimal	15084922
CIE _{Lab}	52.00, 72.45, 2.84
CIE _{LCh}	52, 72.503, 2.243
Y _{xy}	20.1443, 0.4782, 0.2594
Android (android.graphics.Color)	4293275002 (0xFFE62D7A)
Y _{UV}	109.0930, 6.3632, 106.0354
Hunter-Lab	44.8824, 69.1739, 4.4964

Details

The CIELCh color **52, 72.503, 2.243** 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, 66.537, 157.773**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 61.207, 354.311**, and **36, 61.769, 7.354** is the 20% darker color. If you saturate the color by 10%, you get **50, 76.224, 6.266**, and if you desaturate by 10%, it is **55, 66.769, 359.072**.

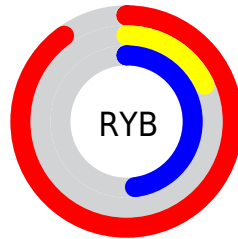
Distribution



Red (90%)

Green (18%)

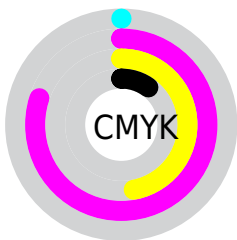
Blue (48%)



Red (90%)

Yellow (18%)

Blue (48%)

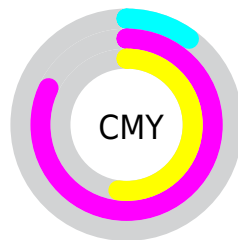


Cyan (0%)

Magenta (80%)

Yellow (47%)

Black (10%)



Cyan (10%)

Magenta (82%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 72.503, 2.243 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, 72.503, 2.243 by changing the saturation by 10% instead.

 52, 72.503, 2.243  52, 72.503, 2.243

 100, 72.503, 2.243  42, 72.503, 2.243

 72, 72.503, 2.243  32, 72.503, 2.243



 82, 72.503, 2.243  22, 72.503, 2.243

 92, 72.503, 2.243  12, 72.503, 2.243

 2, 72.503, 2.243

 0, 72.503, 2.243

 52, 72.503, 2.243  52, 72.503, 2.243

 50, 76.224, 6.266  55, 66.769,
359.072

 49, 78.381, 10.927

■ 59, 59.224,
356.572

■ 63, 50.322,
354.573

■ 68, 40.579,
352.937

■ 73, 30.436,
351.566

■ 79, 20.222,
350.386

■ 85, 10.152,
349.339

■ 91, 0.355, 347.114

■ 97, 9.104, 167.719

Harmonies

Complementary

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



52, 72.503, 2.243



82, 66.537, 157.773

Rectangle

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



52, 72.503, 2.243



52, 72.503, 52.243



52, 72.503, 182.243



52, 72.503, 232.243

Sweetspot

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



52, 72.499, 2.244



84, 26.010, 350.812



45, 102.553, 314.782



43, 17.927, 351.238



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, 72.499, 2.244



55, 83.890, 9.222



52, 79.747, 36.993



45, 5.545, 349.248



38, 64.728, 9.985



7, 26.987, 1.188

Inverse Universe

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



52, 72.499, 2.244



55, 83.890, 9.222



79, 40.470, 208.665



45, 5.545, 349.248



38, 64.728, 9.985



7, 26.987, 1.188

Previews

White Background



This preview shows how the CIELCh color 52, 72.503, 2.243 looks on a white background.

Color Contrast Check

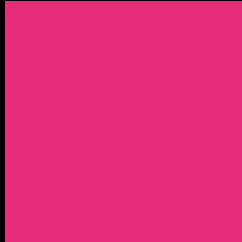
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.503, 2.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

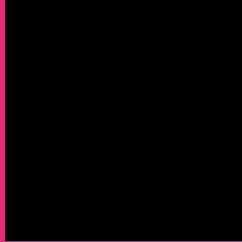
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 72.503, 2.243

Background



This preview shows how black text looks on a background with the CIELCh color 52, 72.503, 2.243.

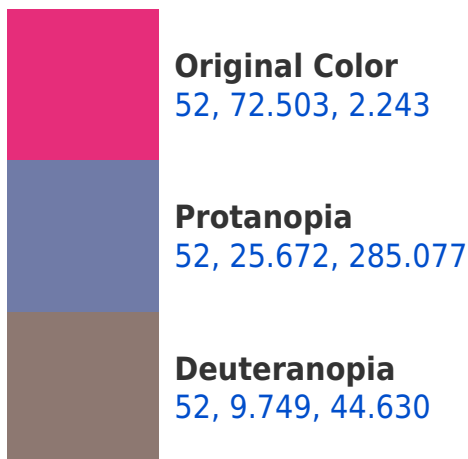


This preview shows how white text looks on a background with the CIELCh color 52, 72.503, 2.243.

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](#).

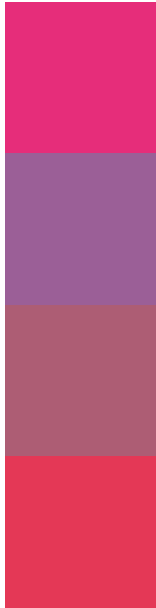
Dichromacy





Tritanopia
52, 72.980, 30.317

Trichromacy



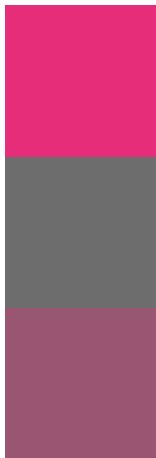
Original Color
52, 72.503, 2.243

Protanomaly
49, 39.192, 328.421

Deuteranomaly
49, 35.208, 2.729

Tritanomaly
52, 70.634, 20.148

Monochromacy



Original Color
52, 72.503, 2.243

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 31.593, 353.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 72.503, 2.243 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(230, 45, 122)` looks like.

```
.text, #text, p{  
    color:rgb(230, 45, 122)  
}
```

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(230, 45, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 45, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 72.503, 2.243 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(230, 45, 122) }
```

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

```
.border{ border-color:rgb(230, 45, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 45, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 45, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 45, 122);  
box-shadow:4px 4px 4px 4px rgb(230, 45,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 72.503, 2.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 45, 122) }
```

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

```
.background{ background-color: rgb(230, 45,  
122) }
```

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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