

Converting Colors

CIELCh(52, 75.828, 1.130)

Have a look what the booklet for
CIELCh(52, 75.828, 1.130) contains.

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Color

CIELCh(52, 75.785, 1.359)

Conversions

Conversions Part 1

Format	Color
Hex	EA237C
RGB	234, 35, 124
RGB Percent	92%, 14%, 49%
CMY	0.0824, 0.8628, 0.5138
CMYK	0.00, 0.85, 0.47, 0.08
HSL	333°, 83%, 53%
HSV	333°, 85%, 92%
XYZ	38.1626, 20.1443, 20.9404
YIQ	104.6470, 90.0350, 69.8670

Conversions

Conversions Part 2

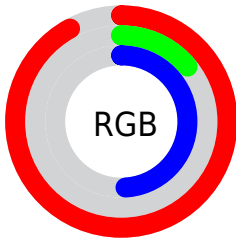
Format	Color
R_{YB}	234, 35, 124
Decimal	15344508
CIE _{Lab}	52.00, 75.76, 1.80
CIE _{LCh}	52, 75.785, 1.359
Yxy	20.1443, 0.4816, 0.2542
Android (android.graphics.Color)	4293534588 (0xFFEA237C)
YUV	104.6470, 9.5410, 113.4426
Hunter-Lab	44.8824, 73.2307, 3.7553

Details

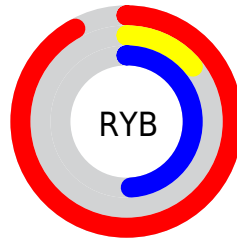
The CIELCh color **52, 75.785, 1.359** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **83, 72.256, 154.952**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 63.886, 352.503**, and **37, 62.852, 7.317** is the 20% darker color. If you saturate the color by 10%, you get **51, 78.306, 5.559**, and if you desaturate by 10%, it is **54, 71.164, 358.031**.

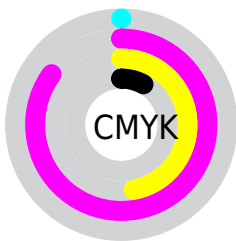
Distribution



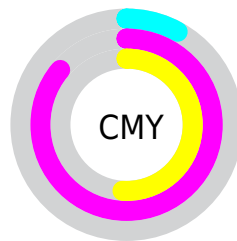
- Red (92%)
- Green (14%)
- Blue (49%)



- Red (92%)
- Yellow (14%)
- Blue (49%)



- Cyan (0%)
- Magenta (85%)
- Yellow (47%)
- Black (8%)




- Cyan (8%)
- Magenta (86%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 75.785, 1.359 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, 75.785, 1.359 by changing the saturation by 10% instead.

 52, 75.785, 1.359  52, 75.785, 1.359

 100, 75.785, 1.359  42, 75.785, 1.359


 72, 75.785, 1.359  32, 75.785, 1.359



 82, 75.785, 1.359  22, 75.785, 1.359

 92, 75.785, 1.359  12, 75.785, 1.359

 2, 75.785, 1.359

 0, 75.785, 1.359

 52, 75.785, 1.359  52, 75.785, 1.359

 51, 78.306, 5.559  54, 71.164,
358.031

 50, 79.126, 7.888

58, 64.462,
355.411

62, 56.061,
353.326

67, 46.494,
351.628

72, 36.270,
350.211

78, 25.788,
348.998

84, 15.329,
347.933

90, 5.072, 346.937

96, 4.884, 166.292

Harmonies

Complementary

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



52, 75.785, 1.359



83, 72.256, 154.952

Rectangle

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



52, 75.785, 1.359



52, 75.785, 51.359



52, 75.785, 181.359



52, 75.785, 231.359

Sweetspot

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



52, 75.781, 1.360



83, 28.729, 349.121



43, 108.113, 313.774



42, 19.519, 349.530



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, 75.781, 1.360



55, 84.458, 8.143



51, 86.693, 37.166



46, 5.758, 347.381



39, 65.283, 7.001



8, 28.192, 359.318

Inverse Universe

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



52, 75.781, 1.360



55, 84.458, 8.143



82, 43.023, 203.758



46, 5.758, 347.381



39, 65.283, 7.001



8, 28.192, 359.318

Previews

White Background



This preview shows how the CIELCh color 52, 75.785, 1.359 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, 75.785, 1.359 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, 75.785, 1.359

Background



This preview shows how black text looks on a background with the CIELCh color 52, 75.785, 1.359.



This preview shows how white text looks on a background with the CIELCh color 52, 75.785, 1.359.

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, 75.785, 1.359

Protanopia

52, 29.149, 285.382

Deuteranopia

52, 8.862, 39.170



Tritanopia
52, 77.076, 31.716

Trichromacy



Original Color
52, 75.785, 1.359



Protanomaly
48, 43.580, 326.591



Deuteranomaly
49, 37.921, 359.334

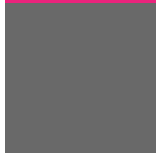


Tritanomaly
52, 74.073, 20.752

Monochromacy



Original Color
52, 75.785, 1.359



Achromatopsia
44, 0.006, 296.813



Achromatomaly
44, 34.345, 351.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 75.785, 1.359 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(234, 35, 124)` looks like.

```
.text, #text, p{  
    color:rgb(234, 35, 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(234, 35, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 35, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 75.785, 1.359 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(234, 35, 124) }
```

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

```
.border{ border-color:rgb(234, 35, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 35, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 35, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 35, 124);  
box-shadow:4px 4px 4px 4px rgb(234, 35,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 75.785, 1.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 35, 124) }
```

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

```
.background{ background-color: rgb(234, 35,  
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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