

Converting Colors

CIELCh(52, 81.587, 355.942)

Have a look what the booklet for
CIELCh(52, 81.587, 355.942)
contains.

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Color

CIELCh(52, 81.538, 355.743)

Conversions

Conversions Part 1

Format	Color
Hex	EE0689
RGB	238, 6, 137
RGB Percent	93%, 2%, 54%
CMY	0.0659, 0.9773, 0.4621
CMYK	0.00, 0.98, 0.42, 0.07
HSL	326°, 95%, 48%
HSV	326°, 98%, 93%
XYZ	39.9111, 20.1443, 25.5091
YIQ	90.3020, 96.2210, 89.9250

Conversions

Conversions Part 2

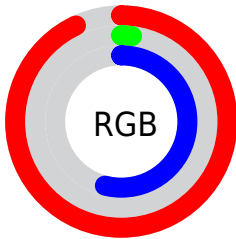
Format	Color
R_{YB}	238, 6, 137
Decimal	15599241
CIE _{Lab}	52.00, 81.31, -6.05
CIE _{LCh}	52, 81.538, 355.743
Yxy	20.1443, 0.4664, 0.2354
Android (android.graphics.Color)	4293789321 (0xFFEE0689)
YUV	90.3020, 23.0221, 129.5311
Hunter-Lab	44.8824, 80.1843, -2.2800

Details

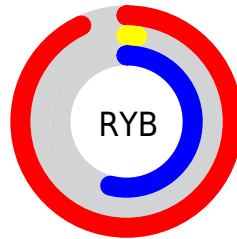
The CIELCh color **52, 81.538, 355.743** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **83, 89.635, 146.233**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 70.610, 345.681**, and **38, 64.133, 2.372** is the 20% darker color. If you saturate the color by 10%, you get **52, 81.656, 356.584**, and if you desaturate by 10%, it is **53, 80.402, 352.535**.

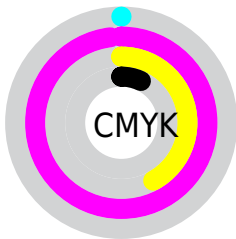
Distribution



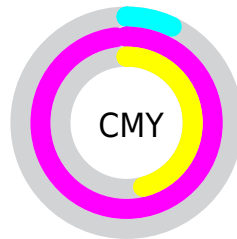
- Red (93%)
- Green (2%)
- Blue (54%)



- Red (93%)
- Yellow (2%)
- Blue (54%)



- Cyan (0%)
- Magenta (98%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (98%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 81.538, 355.743 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, 81.538, 355.743 by changing the saturation by 10% instead.


 52, 81.538,
355.743


 52, 81.538,
355.743


 100, 81.538,
355.743


 42, 81.538,
355.743


 72, 81.538,
355.743

 32, 81.538,
355.743

 82, 81.538,
355.743

 22, 81.538,
355.743

 92, 81.538,
355.743

 12, 81.538,
355.743

 2, 81.538, 355.743

 0, 81.538, 355.743

■ 52, 81.538,
355.743

■ 52, 81.538,
355.743

■ 52, 81.656,
356.584

■ 53, 80.402,
352.535

■ 55, 76.851,
349.973

■ 58, 70.801,
347.930

■ 62, 62.631,
346.270

■ 67, 52.910,
344.884

■ 72, 42.211,
343.695

■ 78, 31.011,
342.649

■ 83, 19.659,

341.710

 89, 8.392, 340.836

Harmonies

Complementary

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



52, 81.538, 355.743



83, 89.635, 146.233

Rectangle

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



52, 81.538, 355.743



52, 81.538, 45.743



52, 81.538, 175.743



52, 81.538, 225.743

Sweetspot

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



52, 81.534, 355.744



82, 34.482, 342.802



37, 119.311, 310.444



41, 23.660, 343.242



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, 81.534, 355.744



55, 85.937, 356.731



50, 95.254, 37.249



47, 6.343, 341.001



40, 67.348, 355.936



9, 30.174, 350.710

Inverse Universe

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



52, 81.534, 355.744



55, 85.937, 356.731



85, 50.278, 186.748



47, 6.343, 341.001



40, 67.348, 355.936



9, 30.174, 350.710

Previews

White Background



This preview shows how the CIELCh color 52, 81.538, 355.743 looks on a white background.

Color Contrast Check

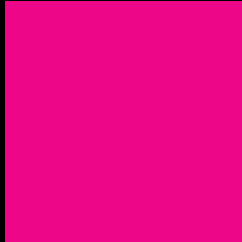
Large Text (above 18pt) WCAG AA ✓ Pass

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, 81.538, 355.743 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, 81.538, 355.743

Background



This preview shows how black text looks on a background with the CIELCh color 52, 81.538, 355.743.



This preview shows how white text looks on a background with the CIELCh color 52, 81.538, 355.743.

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, 81.464, 355.765

Protanopia

53, 43.053, 285.760

Deuteranopia

52, 7.329, 351.985



Tritanopia
52, 79.574, 32.344

Trichromacy



Original Color
52, 81.464, 355.765



Protanomaly
46, 59.340, 318.748



Deuteranomaly
47, 46.048, 346.728



Tritanomaly
52, 77.410, 18.283

Monochromacy



Original Color
52, 81.464, 355.765



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 42.690, 346.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 81.538, 355.743 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(238, 6, 137)` looks like.

```
.text, #text, p{  
    color:rgb(238, 6, 137)  
}
```

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(238, 6, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 6, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 81.538, 355.743 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(238, 6, 137) }
```

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

```
.border{ border-color:rgb(238, 6, 137) }
```

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

Here you see how a box with a 4 pixel rgb(238, 6, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 6, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 6, 137);  
box-shadow:4px 4px 4px 4px rgb(238, 6,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 81.538, 355.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 6, 137) }
```

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

```
.background{ background-color: rgb(238, 6,  
137) }
```

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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