

Converting Colors

CIELCh(52, 74.066, 20.611)

Have a look what the booklet for
CIELCh(52, 74.066, 20.611) contains.

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Color

CIELCh(52, 74.066, 20.611)

Conversions

Conversions Part 1

Format	Color
Hex	E93254
RGB	233, 50, 84
RGB Percent	91%, 20%, 33%
CMY	0.0877, 0.8055, 0.6716
CMYK	0.00, 0.79, 0.64, 0.09
HSL	349°, 80%, 55%
HSV	349°, 79%, 91%
XYZ	36.1989, 20.1443, 10.3135
YIQ	108.5930, 98.1540, 49.3700

Conversions

Conversions Part 2

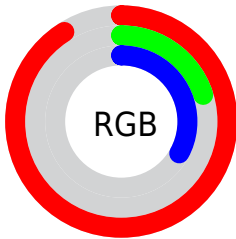
Format	Color
RYB	233, 50, 84
Decimal	15282772
CIELab	52.00, 69.33, 26.07
CIELCh	52, 74.066, 20.611
Yxy	20.1443, 0.5431, 0.3022
Android (android.graphics.Color)	4293472852 (0xFFE93254)
YUV	108.5930, -12.1243, 109.1049
Hunter-Lab	44.8824, 65.4210, 17.7935

Details

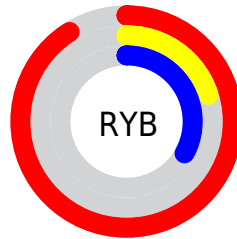
The CIELCh color **52, 74.066, 20.611** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **83, 51.921, 175.560**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 58.052, 16.248**, and **35, 66.875, 26.306** is the 20% darker color. If you saturate the color by 10%, you get **50, 81.222, 25.396**, and if you desaturate by 10%, it is **55, 65.771, 16.651**.

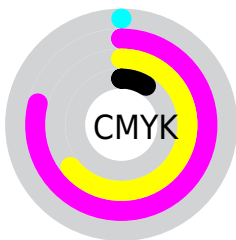
Distribution



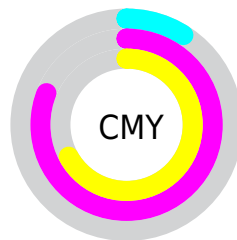
- Red (91%)
- Green (20%)
- Blue (33%)



- Red (91%)
- Yellow (20%)
- Blue (33%)



- Cyan (0%)
- Magenta (79%)
- Yellow (64%)
- Black (9%)



- Cyan (9%)
- Magenta (81%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 74.066, 20.611 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, 74.066, 20.611 by changing the saturation by 10% instead.

 52, 74.066, 20.611

 52, 74.066, 20.611

 100, 74.066,
20.611

 42, 74.066, 20.611

 72, 74.066, 20.611

 32, 74.066, 20.611

 82, 74.066, 20.611

 22, 74.066, 20.611

 92, 74.066, 20.611

 12, 74.066, 20.611

 2, 74.066, 20.611

 0, 74.066, 20.611

 52, 74.066, 20.611

 52, 74.066, 20.611

 50, 81.222, 25.396

 55, 65.771, 16.651

 49, 87.371, 30.653

 59, 56.516, 13.493

49, 88.171, 31.301

64, 46.651, 11.005

69, 36.564, 9.032

75, 26.572, 7.444

81, 16.891, 6.137

87, 7.642, 5.016

93, 1.124, 184.687

98, 7.679, 195.415

Harmonies

Complementary

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



52, 74.066, 20.611



83, 51.921, 175.560

Rectangle

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



52, 74.066, 20.611



52, 74.066, 70.611



52, 74.066, 200.611



52, 74.066, 250.611

Sweetspot

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



52, 74.063, 20.613



84, 23.698, 6.819



52, 100.468, 321.341



42, 16.419, 7.305



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, 74.063, 20.613



54, 90.967, 28.445



59, 70.588, 48.687



46, 5.046, 5.101



38, 72.445, 30.363



7, 27.933, 15.019

Inverse Universe

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



52, 74.063, 20.613



54, 90.967, 28.445



68, 40.382, 246.944



46, 5.046, 5.101



38, 72.445, 30.363



7, 27.933, 15.019

Previews

White Background



This preview shows how the CIELCh color 52, 74.066, 20.611 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, 74.066, 20.611 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, 74.066, 20.611

Background



This preview shows how black text looks on a background with the CIELCh color 52, 74.066, 20.611.



This preview shows how white text looks on a background with the CIELCh color 52, 74.066, 20.611.

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, 74.066, 20.611

Protanopia

52, 5.585, 87.833

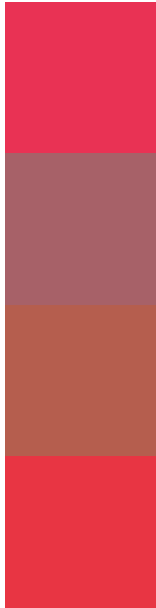
Deuteranopia

52, 30.121, 77.307



Tritanopia
52, 78.363, 32.087

Trichromacy



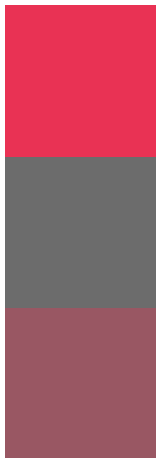
Original Color
52, 74.066, 20.611

Protanomaly
49, 30.369, 16.031

Deuteranomaly
50, 41.979, 36.734

Tritanomaly
52, 76.324, 28.022

Monochromacy



Original Color
52, 74.066, 20.611

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 29.134, 9.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 74.066, 20.611 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(233, 50, 84)` looks like.

```
.text, #text, p{  
    color:rgb(233, 50, 84)  
}
```

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(233, 50, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 50, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 74.066, 20.611 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(233, 50, 84) }
```

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

```
.border{ border-color:rgb(233, 50, 84) }
```

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

Here you see how a box with a 4 pixel rgb(233, 50, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 50, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 50, 84);  
box-shadow:4px 4px 4px 4px rgb(233, 50,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 74.066, 20.611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 50, 84) }
```

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

```
.background{ background-color: rgb(233, 50,  
84) }
```

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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