

Converting Colors

CIELCh(52, 66.814, 25.407)

Have a look what the booklet for
CIELCh(52, 66.814, 25.407) contains.

CIELCh(52, 66.765, 25.206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(52, 66.765, 25.206)

Conversions

Conversions Part 1

Format	Color
Hex	DE434F
RGB	222, 67, 79
RGB Percent	87%, 26%, 31%
CMY	0.1289, 0.7367, 0.6898
CMYK	0.00, 0.70, 0.64, 0.13
HSL	355°, 70%, 57%
HSV	355°, 70%, 87%
XYZ	33.5922, 20.1443, 9.5329
YIQ	114.7130, 88.5280, 36.5920

Conversions

Conversions Part 2

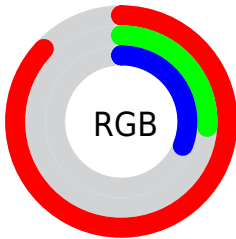
Format	Color
RYB	222, 67, 79
Decimal	14566223
CIELab	52.00, 60.41, 28.43
CIElCh	52, 66.765, 25.206
Yxy	20.1443, 0.5309, 0.3184
Android (android.graphics.Color)	4292756303 (0xFFDE434F)
YUV	114.7130, -17.6065, 94.0907
Hunter-Lab	44.8824, 55.0537, 18.8247

Details

The CIELCh color **52, 66.765, 25.206** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **81, 42.675, 187.837**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 54.610, 23.368**, and **33, 64.455, 27.342** is the 20% darker color. If you saturate the color by 10%, you get **49, 76.089, 29.094**, and if you desaturate by 10%, it is **56, 56.788, 22.018**.

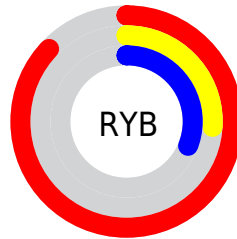
Distribution



Red (87%)

Green (26%)

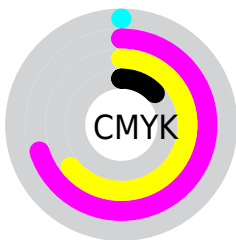
Blue (31%)



Red (87%)

Yellow (26%)

Blue (31%)

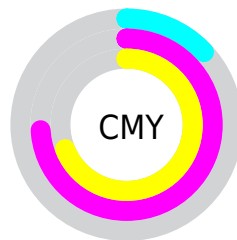


Cyan (0%)

Magenta (70%)

Yellow (64%)

Black (13%)



Cyan (13%)

Magenta (74%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 66.765, 25.206 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, 66.765, 25.206 by changing the saturation by 10% instead.

■ 52, 66.765, 25.206

■ 52, 66.765, 25.206

■ 100, 66.765,
25.206

■ 42, 66.765, 25.206

■ 72, 66.765, 25.206

■ 32, 66.765, 25.206

■ 82, 66.765, 25.206

■ 22, 66.765, 25.206

■ 92, 66.765, 25.206

■ 12, 66.765, 25.206

■ 2, 66.765, 25.206

■ 0, 66.765, 25.206

■ 52, 66.765, 25.206

■ 52, 66.765, 25.206

■ 49, 76.089, 29.094

■ 56, 56.788, 22.018

■ 47, 84.369, 33.433

■ 60, 46.524, 19.495

46, 90.928, 37.342

65, 36.308, 17.524

46, 91.053, 37.407

71, 26.403, 15.977

77, 16.977, 14.745

83, 8.111, 13.728

89, 0.176, 196.322

95, 7.904, 192.411

98, 11.112,
198.764

Harmonies

Complementary

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



52, 66.765, 25.206



81, 42.675, 187.837

Rectangle

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



52, 66.765, 25.206



52, 66.765, 75.206



52, 66.765, 205.206



52, 66.765, 255.206

Sweetspot

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



52, 66.762, 25.208



86, 20.256, 14.901



55, 89.824, 325.077



44, 13.836, 15.227



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, 66.762, 25.208



55, 89.109, 31.184



64, 56.836, 58.804



44, 4.744, 13.697



36, 75.926, 36.789



6, 25.380, 17.690

Inverse Universe

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



52, 66.762, 25.208



55, 89.109, 31.184



62, 41.021, 261.331



44, 4.744, 13.697



36, 75.926, 36.789



6, 25.380, 17.690

Previews

White Background



This preview shows how the CIELCh color 52, 66.765, 25.206 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, 66.765, 25.206 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, 66.765, 25.206

Background



This preview shows how black text looks on a background with the CIELCh color 52, 66.765, 25.206.



This preview shows how white text looks on a background with the CIELCh color 52, 66.765, 25.206.

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, 66.765, 25.206

Protanopia

52, 13.150, 93.420

Deuteranopia

52, 31.865, 77.732



Tritanopia
52, 67.962, 28.624

Trichromacy



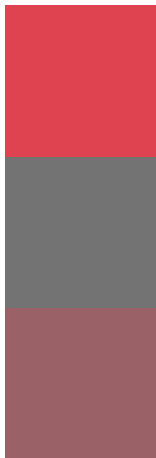
Original Color
52, 66.765, 25.206

Protanomaly
50, 28.462, 33.091

Deuteranomaly
51, 40.487, 44.486

Tritanomaly
52, 67.310, 27.296

Monochromacy



Original Color
52, 66.765, 25.206

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 24.349, 17.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 66.765, 25.206 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(222, 67, 79)` looks like.

```
.text, #text, p{  
    color:rgb(222, 67, 79)  
}
```

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(222, 67, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 67, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 66.765, 25.206 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(222, 67, 79) }
```

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

```
.border{ border-color:rgb(222, 67, 79) }
```

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

Here you see how a box with a 4 pixel rgb(222, 67, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 67, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 67, 79);  
box-shadow:4px 4px 4px 4px rgb(222, 67,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 66.765, 25.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 67, 79) }
```

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

```
.background{ background-color: rgb(222, 67,  
79) }
```

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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