

Converting Colors

CIELCh(51, 84.278, 22.465)

Have a look what the booklet for
CIELCh(51, 84.278, 22.465) contains.

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Color

CIELCh(51, 84.278, 22.465)

Conversions

Conversions Part 1

Format	Color
Hex	F10548
RGB	241, 5, 72
RGB Percent	95%, 2%, 28%
CMY	0.0550, 0.9806, 0.7177
CMYK	0.00, 0.98, 0.70, 0.06
HSL	343°, 96%, 48%
HSV	343°, 98%, 94%
XYZ	37.4864, 19.2686, 7.8706
YIQ	83.2020, 119.1490, 70.8690

Conversions

Conversions Part 2

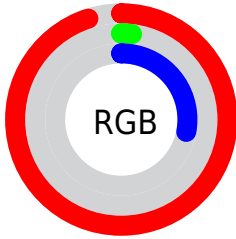
Format	Color
RYB	241, 5, 72
Decimal	15795528
CIELab	51.00, 77.88, 32.20
CIELCh	51, 84.278, 22.465
Yxy	19.2686, 0.5801, 0.2982
Android (android.graphics.Color)	4293985608 (0xFFFF10548)
YUV	83.2020, -5.5226, 138.3888
Hunter-Lab	43.8960, 75.6178, 20.0964

Details

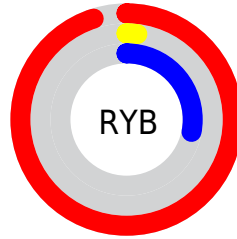
The CIELCh color **51, 84.278, 22.465** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **85, 66.108, 163.196**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 65.056, 17.400**, and **37, 71.890, 31.773** is the 20% darker color. If you saturate the color by 10%, you get **51, 85.221, 23.591**, and if you desaturate by 10%, it is **52, 79.633, 17.018**.

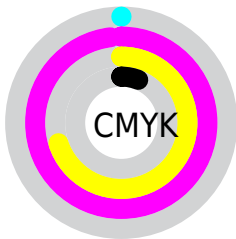
Distribution



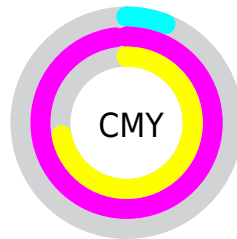
- Red (95%)
- Green (2%)
- Blue (28%)



- Red (95%)
- Yellow (2%)
- Blue (28%)



- Cyan (0%)
- Magenta (98%)
- Yellow (70%)
- Black (6%)



- Cyan (6%)
- Magenta (98%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 84.278, 22.465 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 51, 84.278, 22.465 by changing the saturation by 10% instead.

 51, 84.278, 22.465

 51, 84.278, 22.465

 100, 84.278,
22.465

 41, 84.278, 22.465

 71, 84.278, 22.465

 31, 84.278, 22.465

 81, 84.278, 22.465

 21, 84.278, 22.465

 91, 84.278, 22.465

 11, 84.278, 22.465

 1, 84.278, 22.465

 0, 84.278, 22.465

 51, 84.278, 22.465

 51, 84.278, 22.465

 51, 85.221, 23.591

 52, 79.633, 17.018

 54, 73.723, 12.413

■ 58, 66.277, 8.724

■ 62, 57.490, 5.818

■ 66, 47.782, 3.519

■ 72, 37.608, 1.672

■ 78, 27.344, 0.156

■ 84, 17.250,
358.880

■ 90, 7.481, 357.760

Harmonies

Complementary

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



51, 84.278, 22.465



85, 66.108, 163.196

Rectangle

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



51, 84.278, 22.465



51, 84.278, 72.465



51, 84.278, 202.465



51, 84.278, 252.465

Sweetspot

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



51, 84.274, 22.467



81, 29.758, 0.315



46, 114.209, 317.342



40, 20.541, 0.943



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 84.274, 22.467



54, 89.061, 23.783



53, 94.168, 43.076



47, 5.343, 357.926



39, 69.050, 22.512



8, 28.803, 11.243

Inverse Universe

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



51, 84.274, 22.467



54, 89.061, 23.783



73, 41.980, 235.494



47, 5.343, 357.926



39, 69.050, 22.512



8, 28.803, 11.243

Previews

White Background



This preview shows how the CIELCh color 51, 84.278, 22.465 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 51, 84.278, 22.465 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 51, 84.278, 22.465

Background



This preview shows how black text looks on a background with the CIELCh color 51, 84.278, 22.465.



This preview shows how white text looks on a background with the CIELCh color 51, 84.278, 22.465.

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

51, 84.278, 22.465

Protanopia

51, 9.173, 90.257

Deuteranopia

51, 36.647, 79.758



Tritanopia
51, 93.499, 38.076

Trichromacy



Original Color
51, 84.278, 22.465



Protanomaly
46, 39.910, 13.525



Deuteranomaly
47, 51.890, 34.192

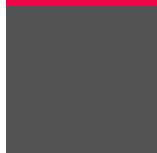


Tritanomaly
51, 90.106, 33.411

Monochromacy



Original Color
51, 84.278, 22.465



Achromatopsia
35, 0.005, 296.813



Achromatomaly
36, 38.683, 6.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 84.278, 22.465 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(241, 5, 72)` looks like.

```
.text, #text, p{  
    color:rgb(241, 5, 72)  
}
```

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(241, 5, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 5, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 84.278, 22.465 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(241, 5, 72) }
```

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

```
.border{ border-color:rgb(241, 5, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 5, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 5, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 5, 72);  
box-shadow:4px 4px 4px 4px rgb(241, 5, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 51, 84.278, 22.465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 5, 72) }
```

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

```
.background{ background-color: rgb(241, 5,  
72) }
```

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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