

Converting Colors

CIELCh(55, 72.791, 24.790)

Have a look what the booklet for
CIELCh(55, 72.791, 24.790) contains.

CIELCh(55, 72.798, 24.758)	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(55, 72.798, 24.758)

Conversions

Conversions Part 1

Format	Color
Hex	EF4253
RGB	239, 66, 83
RGB Percent	94%, 26%, 33%
CMY	0.0620, 0.7404, 0.6739
CMYK	0.00, 0.72, 0.65, 0.06
HSL	354°, 85%, 60%
HSV	354°, 72%, 94%
XYZ	39.1879, 22.9298, 10.5730
YIQ	119.6650, 97.6510, 41.9630

Conversions

Conversions Part 2

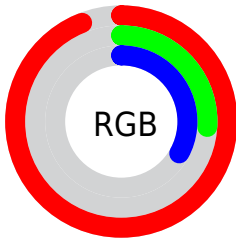
Format	Color
R_{YB}	239, 66, 83
Decimal	15680083
CIE _{Lab}	55.00, 66.11, 30.49
CIE _{LCh}	55, 72.798, 24.758
Yxy	22.9298, 0.5391, 0.3154
Android (android.graphics.Color)	4293870163 (0xFFEF4253)
YUV	119.6650, -18.0758, 104.6568
Hunter-Lab	47.8851, 62.2806, 20.4284

Details

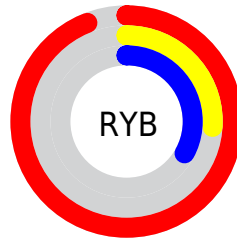
The CIELCh color **55, 72.798, 24.758** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **86, 46.824, 185.340**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 53.423, 22.029**, and **37, 69.527, 28.019** is the 20% darker color. If you saturate the color by 10%, you get **52, 82.140, 28.917**, and if you desaturate by 10%, it is **59, 62.619, 21.319**.

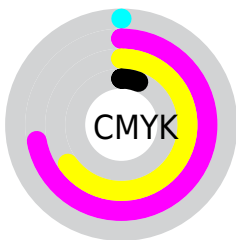
Distribution



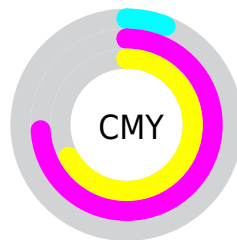
- Red (94%)
- Green (26%)
- Blue (33%)



- Red (94%)
- Yellow (26%)
- Blue (33%)



- Cyan (0%)
- Magenta (72%)
- Yellow (65%)
- Black (6%)



- Cyan (6%)
- Magenta (74%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 72.798, 24.758 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 55, 72.798, 24.758 by changing the saturation by 10% instead.

 55, 72.798, 24.758

 55, 72.798, 24.758

 100, 72.798,
24.758

 45, 72.798, 24.758

 75, 72.798, 24.758

 35, 72.798, 24.758

 85, 72.798, 24.758

 25, 72.798, 24.758

 95, 72.798, 24.758

 15, 72.798, 24.758

 5, 72.798, 24.758

 0, 72.798, 24.758

 55, 72.798, 24.758

 55, 72.798, 24.758

 52, 82.140, 28.917

 59, 62.619, 21.319

 51, 90.289, 33.488

 63, 51.966, 18.586

50, 95.402, 36.662

69, 41.209, 16.447

74, 30.664, 14.765

80, 20.549, 13.424

87, 10.981, 12.326

93, 2.003, 11.197

99, 5.437, 199.183

Harmonies

Complementary

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



55, 72.798, 24.758



86, 46.824, 185.340

Rectangle

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



55, 72.798, 24.758



55, 72.798, 74.758



55, 72.798, 204.758



55, 72.798, 254.758

Sweetspot

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



55, 72.795, 24.760



85, 21.315, 13.395



58, 97.476, 324.578



43, 14.444, 13.730



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 72.795, 24.760



55, 90.666, 31.179



67, 63.142, 57.038



47, 5.025, 12.041



38, 77.561, 35.930



8, 29.358, 19.840

Inverse Universe

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



55, 72.795, 24.760



55, 90.666, 31.179



67, 43.815, 260.155



47, 5.025, 12.041



38, 77.561, 35.930



8, 29.358, 19.840

Previews

White Background



This preview shows how the CIELCh color 55, 72.798, 24.758 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 55, 72.798, 24.758 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 55, 72.798, 24.758

Background



This preview shows how black text looks on a background with the CIELCh color 55, 72.798, 24.758.



This preview shows how white text looks on a background with the CIELCh color 55, 72.798, 24.758.

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

55, 72.798, 24.758

Protanopia

55, 12.896, 95.388

Deuteranopia

55, 33.989, 78.055



Tritanopia
55, 74.888, 30.032

Trichromacy



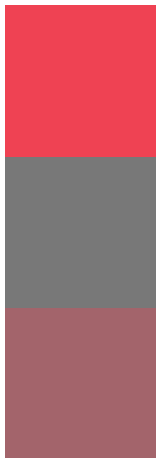
Original Color
55, 72.798, 24.758

Protanomaly
53, 30.195, 31.456

Deuteranomaly
53, 43.484, 43.762

Tritanomaly
55, 74.200, 28.248

Monochromacy



Original Color
55, 72.798, 24.758

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 27.221, 14.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 72.798, 24.758 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(239, 66, 83)` looks like.

```
.text, #text, p{  
    color:rgb(239, 66, 83)  
}
```

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(239, 66, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 66, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 72.798, 24.758 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(239, 66, 83) }
```

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

```
.border{ border-color:rgb(239, 66, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 66, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 66, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 66, 83);  
box-shadow:4px 4px 4px 4px rgb(239, 66,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 72.798, 24.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 66, 83) }
```

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

```
.background{ background-color: rgb(239, 66,  
83) }
```

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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