

Converting Colors

CIELCh(60, 53.410, 25.489)

Have a look what the booklet for
CIELCh(60, 53.410, 25.489) contains.

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Color

CIELCh(60, 53.410, 25.489)

Conversions

Conversions Part 1

Format	Color
Hex	E66A6B
RGB	230, 106, 107
RGB Percent	90%, 42%, 42%
CMY	0.0988, 0.5849, 0.5810
CMYK	0.00, 0.54, 0.54, 0.10
HSL	360°, 71%, 66%
HSV	360°, 54%, 90%
XYZ	40.3544, 28.1233, 17.1690
YIQ	143.1900, 73.5830, 26.5990

Conversions

Conversions Part 2

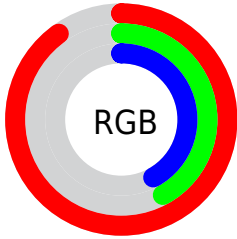
Format	Color
R_{YB}	230, 106, 107
Decimal	15100523
CIE _{Lab}	60.00, 48.21, 22.98
CIE _{LCh}	60, 53.410, 25.489
Yxy	28.1233, 0.4712, 0.3284
Android (android.graphics.Color)	4293290603 (0xFFE66A6B)
YUV	143.1900, -17.8417, 76.1324
Hunter-Lab	53.0314, 43.0249, 17.9267

Details

The CIELCh color **60, 53.410, 25.489** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **85, 36.006, 196.176**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 38.503, 24.494**, and **40, 53.617, 25.319** is the 20% darker color. If you saturate the color by 10%, you get **56, 64.589, 28.150**, and if you desaturate by 10%, it is **65, 42.319, 23.421**.

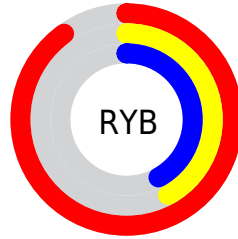
Distribution



Red (90%)

Green (42%)

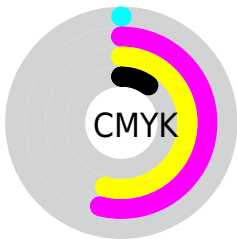
Blue (42%)



Red (90%)

Yellow (42%)

Blue (42%)

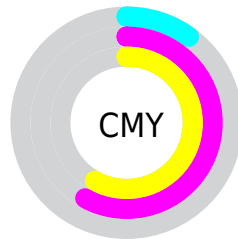


Cyan (0%)

Magenta (54%)

Yellow (54%)

Black (10%)



Cyan (10%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 53.410, 25.489 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 60, 53.410, 25.489 by changing the saturation by 10% instead.

60, 53.410, 25.489

60, 53.410, 25.489

100, 53.410,
25.489

50, 53.410, 25.489

80, 53.410, 25.489

40, 53.410, 25.489

90, 53.410, 25.489

30, 53.410, 25.489

20, 53.410, 25.489

10, 53.410, 25.489

0, 53.410, 25.489

60, 53.410, 25.489

60, 53.410, 25.489

56, 64.589, 28.150

65, 42.319, 23.421

52, 75.456, 31.425

71, 31.620, 21.831

■ 50, 85.404, 35.095

■ 76, 21.499, 20.608

■ 48, 93.165, 38.375

■ 82, 12.046, 19.651

■ 48, 96.322, 39.743

■ 89, 3.277, 18.789

■ 95, 4.835, 198.532

■ 98, 8.585, 198.940

Harmonies

Complementary

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



60, 53.410, 25.489



85, 36.006, 196.176

Rectangle

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



60, 53.410, 25.489



60, 53.410, 75.489



60, 53.410, 205.489



60, 53.410, 255.489

Sweetspot

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



60, 53.407, 25.492



89, 15.165, 19.839



64, 76.080, 326.710



46, 10.321, 20.029



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 53.407, 25.492



61, 71.585, 28.581



73, 43.614, 66.970



45, 4.816, 19.278



37, 79.620, 39.640



6, 27.077, 21.424

Inverse Universe

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



60, 53.407, 25.492



61, 71.585, 28.581



68, 36.574, 264.253



45, 4.816, 19.278



37, 79.620, 39.640



6, 27.077, 21.424

Previews

White Background



This preview shows how the CIELCh color 60, 53.410, 25.489 looks on a white background.

Color Contrast Check

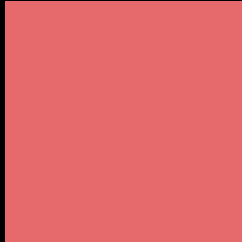
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 53.410, 25.489 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 60, 53.410, 25.489

Background



This preview shows how black text looks on a background with the CIELCh color 60, 53.410, 25.489.



This preview shows how white text looks on a background with the CIELCh color 60, 53.410, 25.489.

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





Tritanopia
60, 53.022, 22.156

Trichromacy



Original Color
60, 53.410, 25.489

Protanomaly
59, 22.381, 40.239

Deuteranomaly
60, 33.186, 45.602

Tritanomaly
60, 53.290, 23.317

Monochromacy



Original Color
60, 53.410, 25.489

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 19.016, 19.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 53.410, 25.489 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(230, 106, 107)` looks like.

```
.text, #text, p{  
    color:rgb(230, 106, 107)  
}
```

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(230, 106, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 106, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 53.410, 25.489 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(230, 106, 107) }
```

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

```
.border{ border-color:rgb(230, 106, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 106, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 106, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 106, 107);  
box-shadow:4px 4px 4px 4px rgb(230, 106,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 53.410, 25.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 106, 107) }
```

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

```
.background{ background-color: rgb(230,  
106, 107) }
```

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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