

Converting Colors

CIELCh(52, 60.277, 20.038)

Have a look what the booklet for
CIELCh(52, 60.277, 20.038) contains.

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Color

CIELCh(52, 60.330, 20.132)

Conversions

Conversions Part 1

Format	Color
Hex	D84A5C
RGB	216, 74, 92
RGB Percent	85%, 29%, 36%
CMY	0.1546, 0.7113, 0.6405
CMYK	0.00, 0.66, 0.57, 0.15
HSL	352°, 64%, 57%
HSV	352°, 66%, 85%
XYZ	32.5306, 20.1443, 12.2219
YIQ	118.5100, 78.8540, 35.7020

Conversions

Conversions Part 2

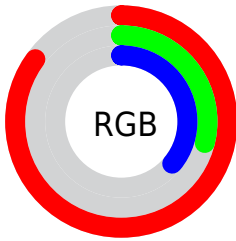
Format	Color
R_{YB}	216, 74, 92
Decimal	14174812
CIE Lab	52.00, 56.64, 20.76
CIE LCh	52, 60.330, 20.132
Yxy	20.1443, 0.5013, 0.3104
Android (android.graphics.Color)	4292364892 (0xFFD84A5C)
YUV	118.5100, -13.0694, 85.4987
Hunter-Lab	44.8824, 50.8318, 15.2725

Details

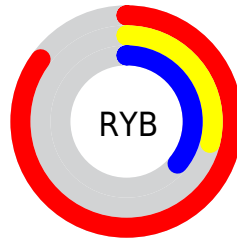
The CIELCh color **52, 60.330, 20.132** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **79, 41.872, 183.032**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.019, 18.003**, and **32, 60.110, 19.970** is the 20% darker color. If you saturate the color by 10%, you get **49, 69.121, 23.823**, and if you desaturate by 10%, it is **56, 50.909, 17.189**.

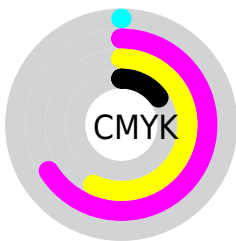
Distribution



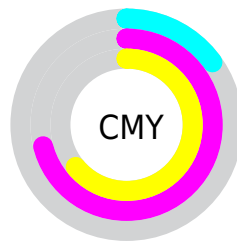
- Red (85%)
- Green (29%)
- Blue (36%)



- Red (85%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (66%)
- Yellow (57%)
- Black (15%)



- Cyan (15%)
- Magenta (71%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 60.330, 20.132 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, 60.330, 20.132 by changing the saturation by 10% instead.

 52, 60.330, 20.132

 52, 60.330, 20.132

 100, 60.330,
20.132

 42, 60.330, 20.132

 72, 60.330, 20.132

 32, 60.330, 20.132

 82, 60.330, 20.132

 22, 60.330, 20.132

 92, 60.330, 20.132

 12, 60.330, 20.132

 2, 60.330, 20.132

 0, 60.330, 20.132

 52, 60.330, 20.132

 52, 60.330, 20.132

 49, 69.121, 23.823

 56, 50.909, 17.189

 47, 77.027, 28.243

 61, 41.207, 14.871

45, 83.829, 33.060

66, 31.541, 13.041

45, 86.381, 34.861

71, 22.153, 11.578

77, 13.190, 10.382

83, 4.722, 9.333

89, 3.234, 188.809

95, 10.696,
187.993

97, 13.231,
198.622

Harmonies

Complementary

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



52, 60.330, 20.132



79, 41.872, 183.032

Rectangle

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



52, 60.330, 20.132



52, 60.330, 70.132



52, 60.330, 200.132



52, 60.330, 250.132

Sweetspot

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



52, 60.327, 20.134



87, 19.320, 10.874



54, 83.861, 323.413



44, 13.291, 11.217



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, 60.327, 20.134



57, 82.097, 25.469



62, 52.422, 54.632



42, 4.605, 9.705



35, 71.995, 34.055



5, 21.979, 14.097

Inverse Universe

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



52, 60.327, 20.134



57, 82.097, 25.469



64, 35.968, 252.697



42, 4.605, 9.705



35, 71.995, 34.055



5, 21.979, 14.097

Previews

White Background



This preview shows how the CIELCh color 52, 60.330, 20.132 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, 60.330, 20.132 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, 60.330, 20.132

Background



This preview shows how black text looks on a background with the CIELCh color 52, 60.330, 20.132.



This preview shows how white text looks on a background with the CIELCh color 52, 60.330, 20.132.

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
52, 61.313, 26.875

Trichromacy



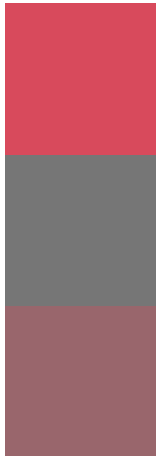
Original Color
52, 60.330, 20.132

Protanomaly
51, 23.289, 20.906

Deuteranomaly
51, 33.967, 37.611

Tritanomaly
52, 60.850, 24.521

Monochromacy



Original Color
52, 60.330, 20.132

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 21.989, 13.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 60.330, 20.132 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(216, 74, 92)` looks like.

```
.text, #text, p{  
    color:rgb(216, 74, 92)  
}
```

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(216, 74, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 74, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 60.330, 20.132 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(216, 74, 92) }
```

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

```
.border{ border-color:rgb(216, 74, 92) }
```

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

Here you see how a box with a 4 pixel rgb(216, 74, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 74, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 74, 92);  
box-shadow:4px 4px 4px 4px rgb(216, 74,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 60.330, 20.132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 74, 92) }
```

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

```
.background{ background-color: rgb(216, 74,  
92) }
```

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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