

Converting Colors

CIELCh(53, 60.918, 65.716)

Have a look what the booklet for
CIELCh(53, 60.918, 65.716) contains.

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Color

CIELCh(53, 60.873, 65.866)

Conversions

Conversions Part 1

Format	Color
Hex	B96C16
RGB	185, 108, 22
RGB Percent	73%, 42%, 9%
CMY	0.2752, 0.5770, 0.9144
CMYK	0.00, 0.42, 0.88, 0.28
HSL	32°, 79%, 41%
HSV	32°, 88%, 72%
XYZ	25.4578, 21.0462, 3.4707
YIQ	121.2190, 73.4980, -10.4220

Conversions

Conversions Part 2

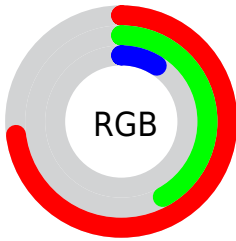
Format	Color
R _Y B	168, 185, 22
Decimal	12151830
CIE Lab	53.00, 24.89, 55.55
CIE LCh	53, 60.873, 65.866
Yxy	21.0462, 0.5094, 0.4211
Android (android.graphics.Color)	4290341910 (0xFFB96C16)
YUV	121.2190, -48.9150, 55.9359
Hunter-Lab	45.8761, 18.7711, 27.6278

Details

The CIELCh color **53, 60.873, 65.866** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **42, 52.651, 281.622**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 60.749, 65.961**, and **33, 50.706, 60.008** is the 20% darker color. If you saturate the color by 10%, you get **51, 65.412, 63.356**, and if you desaturate by 10%, it is **55, 54.704, 67.822**.

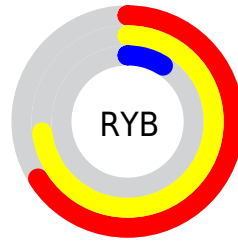
Distribution



Red (73%)

Green (42%)

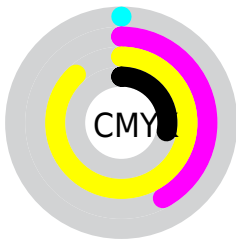
Blue (9%)



Red (66%)

Yellow (73%)

Blue (9%)

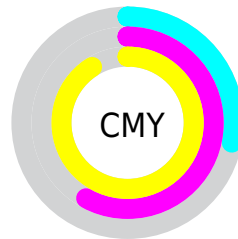


Cyan (0%)

Magenta (42%)

Yellow (88%)

Black (28%)



Cyan (28%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 60.873, 65.866 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 53, 60.873, 65.866 by changing the saturation by 10% instead.

■ 53, 60.873, 65.866

■ 53, 60.873, 65.866

■ 100, 60.873,
65.866

■ 43, 60.873, 65.866

■ 73, 60.873, 65.866

■ 33, 60.873, 65.866

■ 83, 60.873, 65.866

■ 23, 60.873, 65.866

■ 93, 60.873, 65.866

■ 13, 60.873, 65.866

■ 3, 60.873, 65.866

■ 0, 60.873, 65.866

■ 53, 60.873, 65.866

■ 53, 60.873, 65.866

■ 51, 65.412, 63.356

■ 55, 54.704, 67.822

■ 51, 66.230, 62.932

■ 57, 47.561, 69.415

60, 40.082, 70.842

62, 32.617, 72.196

65, 25.338, 73.515

67, 18.316, 74.811

70, 11.572, 76.082

73, 5.101, 77.303

76, 1.113, 258.886

Harmonies

Complementary

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



53, 60.873, 65.866



42, 52.651, 281.622

Rectangle

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



53, 60.873, 65.866



53, 60.873, 115.866



53, 60.873, 245.866



53, 60.873, 295.866

Sweetspot

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



53, 60.871, 65.869



86, 20.787, 75.038



41, 64.490, 358.975



44, 14.185, 74.597



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



53, 60.871, 65.869



65, 80.709, 62.271



73, 73.324, 104.048



37, 3.518, 77.169



43, 58.183, 63.466



5, 8.841, 64.330

Inverse Universe

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



42, 52.651, 281.622



50, 74.065, 287.449



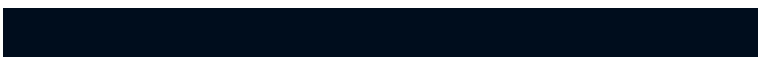
25, 98.307, 305.187



37, 3.457, 259.649



32, 52.046, 286.058



3, 10.480, 269.504

Previews

White Background



This preview shows how the CIELCh color 53, 60.873, 65.866 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 53, 60.873, 65.866 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 53, 60.873, 65.866

Background



This preview shows how black text looks on a background with the CIELCh color 53, 60.873, 65.866.



This preview shows how white text looks on a background with the CIELCh color 53, 60.873, 65.866.

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

53, 60.873, 65.866

Protanopia

53, 52.231, 95.178

Deuteranopia

53, 57.568, 82.856



Tritanopia
53, 38.254, 17.863

Trichromacy



Original Color
53, 60.873, 65.866

Protanomaly
53, 53.310, 83.411

Deuteranomaly
53, 58.418, 76.521

Tritanomaly
53, 42.821, 43.349

Monochromacy



Original Color
53, 60.873, 65.866

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 22.240, 73.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 60.873, 65.866 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(185, 108, 22)` looks like.

```
.text, #text, p{  
    color:rgb(185, 108, 22)  
}
```

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(185, 108, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 108, 22) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 60.873, 65.866 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(185, 108, 22) }
```

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

```
.border{ border-color:rgb(185, 108, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 108, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 108, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 108, 22);  
box-shadow:4px 4px 4px 4px rgb(185, 108,  
22) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 60.873, 65.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 108, 22) }
```

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

```
.background{ background-color: rgb(185,  
108, 22) }
```

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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