

Converting Colors

CIELCh(60, 55.261, 81.728)

Have a look what the booklet for
CIELCh(60, 55.261, 81.728) contains.

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Color

CIELCh(60, 55.359, 81.581)

Conversions

Conversions Part 1

Format	Color
Hex	B68929
RGB	182, 137, 41
RGB Percent	71%, 54%, 16%
CMY	0.2850, 0.4616, 0.8380
CMYK	0.00, 0.25, 0.77, 0.28
HSL	41°, 63%, 44%
HSV	41°, 77%, 72%
XYZ	28.7640, 28.1233, 6.0390
YIQ	139.5110, 57.6360, -20.3160

Conversions

Conversions Part 2

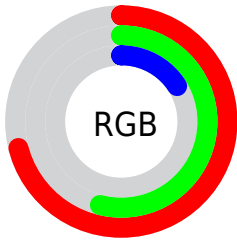
Format	Color
R_{YB}	107, 182, 41
Decimal	11962665
CIE _{Lab}	60.00, 8.11, 54.76
CIE _{LCh}	60, 55.359, 81.581
Yxy	28.1233, 0.4571, 0.4469
Android (android.graphics.Color)	4290152745 (0xFFB68929)
YUV	139.5110, -48.5659, 37.2629
Hunter-Lab	53.0314, 4.0125, 30.3703

Details

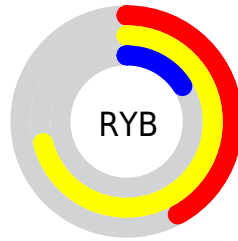
The CIELCh color **60, 55.359, 81.581** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **39, 58.616, 289.470**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 55.240, 81.261**, and **40, 48.900, 79.337** is the 20% darker color. If you saturate the color by 10%, you get **58, 60.376, 79.757**, and if you desaturate by 10%, it is **62, 49.010, 83.187**.

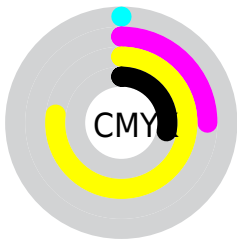
Distribution



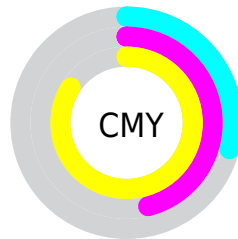
- Red (71%)
- Green (54%)
- Blue (16%)



- Red (42%)
- Yellow (71%)
- Blue (16%)



- Cyan (0%)
- Magenta (25%)
- Yellow (77%)
- Black (28%)



- Cyan (29%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 55.359, 81.581 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, 55.359, 81.581 by changing the saturation by 10% instead.

60, 55.359, 81.581

60, 55.359, 81.581

100, 55.359,
81.581

50, 55.359, 81.581

80, 55.359, 81.581

40, 55.359, 81.581

90, 55.359, 81.581

30, 55.359, 81.581

20, 55.359, 81.581

10, 55.359, 81.581

0, 55.359, 81.581

60, 55.359, 81.581

60, 55.359, 81.581

58, 60.376, 79.757

62, 49.010, 83.187

57, 63.489, 77.573

63, 41.946, 84.670

57, 64.231, 76.989

65, 34.569, 86.084

67, 27.108, 87.452

69, 19.688, 88.780

71, 12.369, 90.067

73, 5.180, 91.294

75, 1.870, 272.658

77, 8.784, 273.725

Harmonies

Complementary

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



60, 55.359, 81.581



39, 58.616, 289.470

Rectangle

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



60, 55.359, 81.581



60, 55.359, 131.581



60, 55.359, 261.581



60, 55.359, 311.581

Sweetspot

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



60, 55.358, 81.584



88, 20.433, 89.294



42, 58.583, 7.551



46, 14.304, 88.826



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



60, 55.358, 81.584



73, 76.433, 78.205



70, 68.627, 112.158



38, 4.030, 91.056



49, 57.144, 77.354



6, 9.816, 81.908

Inverse Universe

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



39, 58.616, 289.470



43, 89.008, 295.542



30, 86.140, 305.430



36, 4.036, 273.454



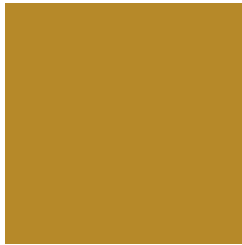
26, 68.163, 296.881



3, 11.949, 278.414

Previews

White Background



This preview shows how the CIELCh color 60, 55.359, 81.581 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, 55.359, 81.581 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, 55.359, 81.581

Background



This preview shows how black text looks on a background with the CIELCh color 60, 55.359, 81.581.



This preview shows how white text looks on a background with the CIELCh color 60, 55.359, 81.581.

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

60, 55.359, 81.581

Protanopia

60, 53.626, 95.566

Deuteranopia

60, 55.521, 82.182



Tritanopia
60, 25.350, 9.628

Trichromacy



Original Color
60, 55.359, 81.581

Protanomaly
60, 53.858, 90.484

Deuteranomaly
60, 55.521, 82.182

Tritanomaly
60, 29.889, 52.600

Monochromacy



Original Color
60, 55.359, 81.581

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 20.947, 88.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 55.359, 81.581 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(182, 137, 41)` looks like.

```
.text, #text, p{  
    color:rgb(182, 137, 41)  
}
```

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(182, 137, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 137, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 55.359, 81.581 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(182, 137, 41) }
```

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

```
.border{ border-color:rgb(182, 137, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 137, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 137, 41); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 137, 41); box-shadow:4px 4px 4px 4px rgb(182, 137, 41) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 55.359, 81.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 137, 41) }
```

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

```
.background{ background-color: rgb(182,  
137, 41) }
```

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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