

Converting Colors

CIELCh(63, 53.082, 80.953)

Have a look what the booklet for
CIELCh(63, 53.082, 80.953) contains.

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Color

CIELCh(63, 53.082, 80.953)

Conversions

Conversions Part 1

Format	Color
Hex	BF9137
RGB	191, 145, 55
RGB Percent	75%, 57%, 22%
CMY	0.2511, 0.4315, 0.7844
CMYK	0.00, 0.24, 0.71, 0.25
HSL	40°, 55%, 48%
HSV	40°, 71%, 75%
XYZ	32.2847, 31.5869, 8.0052
YIQ	148.4940, 56.3060, -18.2380

Conversions

Conversions Part 2

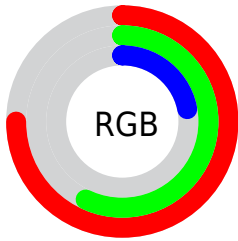
Format	Color
RYB	125, 191, 55
Decimal	12554551
CIELab	63.00, 8.35, 52.42
CIELCh	63, 53.082, 80.953
Yxy	31.5869, 0.4492, 0.4395
Android (android.graphics.Color)	4290744631 (0xFFBF9137)
YUV	148.4940, -46.0925, 37.2778
Hunter-Lab	56.2022, 4.1834, 30.8966

Details

The CIELCh color **63, 53.082, 80.953** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **44, 54.061, 286.188**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 53.085, 80.979**, and **43, 51.308, 80.829** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.286, 79.233**, and if you desaturate by 10%, it is **65, 45.948, 82.508**.

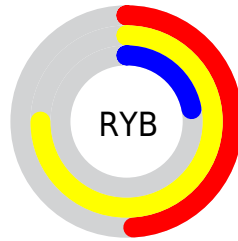
Distribution



Red (75%)

Green (57%)

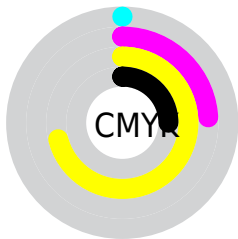
Blue (22%)



Red (49%)

Yellow (75%)

Blue (22%)

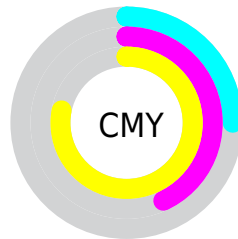


Cyan (0%)

Magenta (24%)

Yellow (71%)

Black (25%)



Cyan (25%)

Magenta (43%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 53.082, 80.953 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 63, 53.082, 80.953 by changing the saturation by 10% instead.

63, 53.082, 80.953

63, 53.082, 80.953

100, 53.082,
80.953

53, 53.082, 80.953

83, 53.082, 80.953

43, 53.082, 80.953

93, 53.082, 80.953

33, 53.082, 80.953

23, 53.082, 80.953

13, 53.082, 80.953

3, 53.082, 80.953

0, 53.082, 80.953

63, 53.082, 80.953

63, 53.082, 80.953

61, 59.286, 79.233

65, 45.948, 82.508

60, 63.839, 77.194

67, 38.391, 83.967

58, 66.385, 75.113

69, 30.706, 85.370

71, 23.050, 86.731

73, 15.505, 88.050

75, 8.105, 89.320

77, 0.861, 90.315

79, 6.226, 271.819

81, 13.165,
272.942

Harmonies

Complementary

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



63, 53.082, 80.953



44, 54.061, 286.188

Rectangle

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



63, 53.082, 80.953



63, 53.082, 130.953



63, 53.082, 260.953



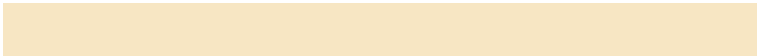
63, 53.082, 310.953

Sweetspot

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



63, 53.082, 80.956



92, 18.939, 88.035



45, 57.344, 4.211



49, 12.962, 87.670



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 53.082, 80.956



77, 75.158, 78.239



74, 67.125, 111.438



39, 4.047, 89.549



49, 57.738, 75.562



7, 11.001, 78.686

Inverse Universe

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



44, 54.061, 286.188



49, 81.008, 291.553



34, 82.660, 304.385



37, 4.044, 271.983



27, 67.057, 295.881



3, 13.411, 278.580

Previews

White Background



This preview shows how the CIELCh color 63, 53.082, 80.953 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 63, 53.082, 80.953 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 53.082, 80.953

Background



This preview shows how black text looks on a background with the CIELCh color 63, 53.082, 80.953.



This preview shows how white text looks on a background with the CIELCh color 63, 53.082, 80.953.

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

63, 53.082, 80.953

Protanopia

63, 51.174, 95.809

Deuteranopia

63, 53.082, 80.953



Tritanopia
63, 25.085, 9.447

Trichromacy



Original Color
63, 53.082, 80.953

Protanomaly
63, 51.530, 90.083

Deuteranomaly
63, 53.082, 80.953

Tritanomaly
63, 28.769, 51.055

Monochromacy



Original Color
63, 53.082, 80.953

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 19.836, 86.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 53.082, 80.953 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(191, 145, 55)` looks like.

```
.text, #text, p{  
    color:rgb(191, 145, 55)  
}
```

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(191, 145, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 145, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 53.082, 80.953 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(191, 145, 55) }
```

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

```
.border{ border-color:rgb(191, 145, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 145, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 145, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 145, 55);  
box-shadow:4px 4px 4px 4px rgb(191, 145,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 53.082, 80.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 145, 55) }
```

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

```
.background{ background-color: rgb(191,  
145, 55) }
```

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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