

Converting Colors

CIELCh(57, 55.608, 82.219)

Have a look what the booklet for
CIELCh(57, 55.608, 82.219) contains.

CIELCh(57, 55.587, 82.144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 55.587, 82.144)

Conversions

Conversions Part 1

Format	Color
Hex	AD8220
RGB	173, 130, 32
RGB Percent	68%, 51%, 13%
CMY	0.3219, 0.4905, 0.8748
CMYK	0.00, 0.25, 0.82, 0.32
HSL	42°, 69%, 40%
HSV	42°, 82%, 68%
XYZ	25.4460, 24.9227, 4.8296
YIQ	131.6850, 57.0860, -21.3620

Conversions

Conversions Part 2

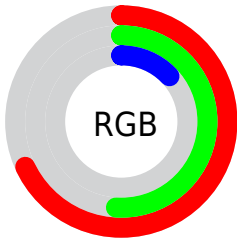
Format	Color
RYB	94, 173, 32
Decimal	11371040
CIELab	57.00, 7.60, 55.07
CIELCh	57, 55.587, 82.144
Yxy	24.9227, 0.4610, 0.4515
Android (android.graphics.Color)	4289561120 (0xFFAD8220)
YUV	131.6850, -49.1447, 36.2333
Hunter-Lab	49.9226, 3.6184, 29.2100

Details

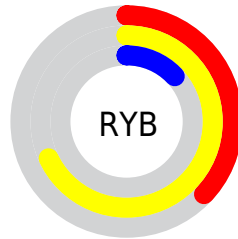
The CIELCh color **57, 55.587, 82.144** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **35, 60.826, 291.723**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 55.799, 82.475**, and **37, 46.390, 79.754** is the 20% darker color. If you saturate the color by 10%, you get **56, 59.621, 80.255**, and if you desaturate by 10%, it is **58, 49.984, 83.781**.

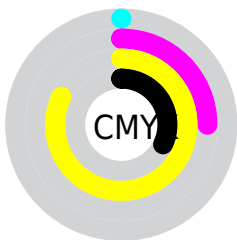
Distribution



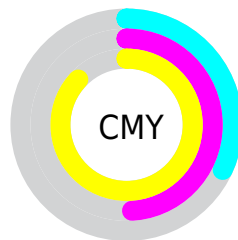
- Red (68%)
- Green (51%)
- Blue (13%)



- Red (37%)
- Yellow (68%)
- Blue (13%)



- Cyan (0%)
- Magenta (25%)
- Yellow (82%)
- Black (32%)



- Cyan (32%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 55.587, 82.144 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 57, 55.587, 82.144 by changing the saturation by 10% instead.

■ 57, 55.587, 82.144

■ 57, 55.587, 82.144

■ 100, 55.587,
82.144

■ 47, 55.587, 82.144

■ 77, 55.587, 82.144

■ 37, 55.587, 82.144

■ 87, 55.587, 82.144

■ 27, 55.587, 82.144

■ 97, 55.587, 82.144

■ 17, 55.587, 82.144

■ 7, 55.587, 82.144

■ 0, 55.587, 82.144

■ 57, 55.587, 82.144

■ 57, 55.587, 82.144

■ 56, 59.621, 80.255

■ 58, 49.984, 83.781

■ 54, 61.876, 78.463

■ 60, 43.455, 85.274

62, 36.465, 86.690

63, 29.296, 88.057

65, 22.106, 89.385

67, 14.978, 90.674

69, 7.952, 91.916

70, 1.046, 92.962

72, 5.736, 274.351

Harmonies

Complementary

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



57, 55.587, 82.144



35, 60.826, 291.723

Rectangle

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



57, 55.587, 82.144



57, 55.587, 132.144



57, 55.587, 262.144



57, 55.587, 312.144

Sweetspot

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



57, 55.586, 82.147



84, 20.677, 90.307



39, 58.211, 10.450



44, 14.226, 89.863



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 55.586, 82.147



70, 74.635, 78.426



67, 68.148, 112.993



36, 3.900, 92.184



48, 55.882, 78.779



5, 7.482, 85.820

Inverse Universe

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



35, 60.826, 291.723



38, 92.024, 297.922



27, 86.384, 306.103



34, 3.911, 274.541



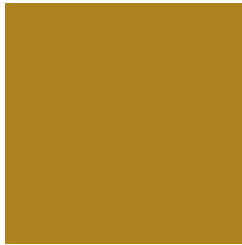
24, 67.808, 297.545



2, 8.718, 277.323

Previews

White Background



This preview shows how the CIELCh color 57, 55.587, 82.144 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 57, 55.587, 82.144 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 57, 55.587, 82.144

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.587, 82.144.



This preview shows how white text looks on a background with the CIELCh color 57, 55.587, 82.144.

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

57, 55.587, 82.144

Protanopia

57, 53.790, 95.206

Deuteranopia

57, 55.587, 82.144



Tritanopia
57, 24.324, 10.297

Trichromacy



Original Color
57, 55.587, 82.144

Protanomaly
57, 54.048, 90.067

Deuteranomaly
57, 55.587, 82.144

Tritanomaly
57, 29.874, 55.385

Monochromacy



Original Color
57, 55.587, 82.144

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 21.177, 88.334

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.587, 82.144 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(173, 130, 32)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 32)  
}
```

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(173, 130, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.587, 82.144 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(173, 130, 32) }
```

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

```
.border{ border-color:rgb(173, 130, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 32);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.587, 82.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 32) }
```

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

```
.background{ background-color: rgb(173,  
130, 32) }
```

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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