

Converting Colors

CIELCh(63, 66.015, 83.382)

Have a look what the booklet for
CIELCh(63, 66.015, 83.382) contains.

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Color

CIELCh(63, 65.955, 83.515)

Conversions

Conversions Part 1

Format	Color
Hex	C0910D
RGB	192, 145, 13
RGB Percent	75%, 57%, 5%
CMY	0.2461, 0.4305, 0.9472
CMYK	0.00, 0.24, 0.93, 0.25
HSL	44°, 87%, 40%
HSV	44°, 93%, 75%
XYZ	32.0362, 31.5869, 4.8045
YIQ	144.0050, 70.3840, -31.0880

Conversions

Conversions Part 2

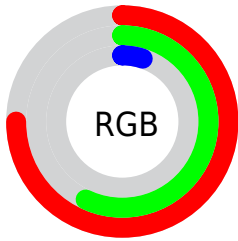
Format	Color
RYB	77, 192, 13
Decimal	12620045
CIELab	63.00, 7.45, 65.53
CIELCh	63, 65.955, 83.515
Yxy	31.5869, 0.4682, 0.4616
Android (android.graphics.Color)	4290810125 (0xFFC0910D)
YUV	144.0050, -64.5855, 42.0916
Hunter-Lab	56.2022, 3.3938, 34.2731

Details

The CIELCh color **63, 65.955, 83.515** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **32, 81.551, 298.064**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 66.184, 83.664**, and **43, 51.308, 80.829** is the 20% darker color. If you saturate the color by 10%, you get **62, 67.514, 82.154**, and if you desaturate by 10%, it is **64, 62.268, 85.289**.

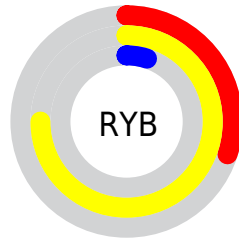
Distribution



Red (75%)

Green (57%)

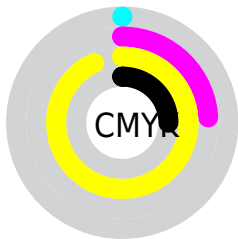
Blue (5%)



Red (30%)

Yellow (75%)

Blue (5%)

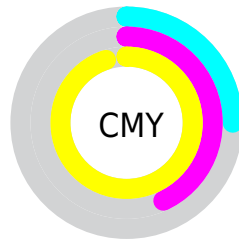


Cyan (0%)

Magenta (24%)

Yellow (93%)

Black (25%)



Cyan (25%)

Magenta (43%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 65.955, 83.515 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, 65.955, 83.515 by changing the saturation by 10% instead.

 63, 65.955, 83.515

 63, 65.955, 83.515

 100, 65.955,
83.515

 53, 65.955, 83.515

 83, 65.955, 83.515

 43, 65.955, 83.515

 93, 65.955, 83.515

 33, 65.955, 83.515

 23, 65.955, 83.515

 13, 65.955, 83.515

 3, 65.955, 83.515

 0, 65.955, 83.515

 63, 65.955, 83.515

 63, 65.955, 83.515

 62, 67.514, 82.154

 64, 62.268, 85.289

66, 56.630, 86.845

67, 49.735, 88.283

69, 42.146, 89.657

70, 34.228, 90.991

72, 26.194, 92.292

74, 18.163, 93.560

75, 10.198, 94.786

77, 2.330, 95.917

Harmonies

Complementary

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



63, 65.955, 83.515



32, 81.551, 298.064

Rectangle

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



63, 65.955, 83.515



63, 65.955, 133.515



63, 65.955, 263.515



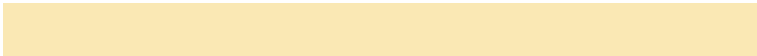
63, 65.955, 313.515

Sweetspot

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



63, 65.954, 83.518



92, 27.442, 92.874



41, 69.273, 20.506



48, 18.980, 92.318



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, 65.954, 83.518



79, 82.136, 81.767



72, 79.355, 115.999



40, 4.464, 95.216



52, 59.162, 82.474



9, 13.457, 86.798

Inverse Universe

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



32, 81.551, 298.064



39, 108.733, 300.638



27, 102.453, 307.456



38, 4.493, 277.536



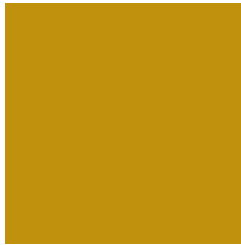
24, 75.958, 299.724



3, 15.957, 282.783

Previews

White Background



This preview shows how the CIELCh color 63, 65.955, 83.515 looks on a white background.

Color Contrast Check

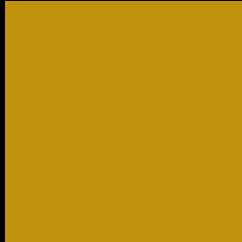
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 65.955, 83.515 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, 65.955, 83.515

Background



This preview shows how black text looks on a background with the CIELCh color 63, 65.955, 83.515.



This preview shows how white text looks on a background with the CIELCh color 63, 65.955, 83.515.

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, 65.955, 83.515

Protanopia

63, 64.267, 95.230

Deuteranopia

63, 65.972, 83.112



Tritanopia
63, 26.319, 10.214

Trichromacy



Original Color
63, 65.955, 83.515

Protanomaly
63, 64.386, 90.971

Deuteranomaly
63, 65.972, 83.112

Tritanomaly
63, 35.639, 61.028

Monochromacy



Original Color
63, 65.955, 83.515

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 27.436, 90.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 65.955, 83.515 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(192, 145, 13)` looks like.

```
.text, #text, p{  
    color:rgb(192, 145, 13)  
}
```

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(192, 145, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 145, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 65.955, 83.515 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(192, 145, 13) }
```

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

```
.border{ border-color:rgb(192, 145, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 145, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 145, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 145, 13);  
box-shadow:4px 4px 4px 4px rgb(192, 145,  
13) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 65.955, 83.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 145, 13) }
```

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

```
.background{ background-color: rgb(192,  
145, 13) }
```

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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