

Converting Colors

CIELCh(69, 55.816, 79.253)

Have a look what the booklet for
CIELCh(69, 55.816, 79.253) contains.

CIELCh(69, 55.816, 79.253)	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(69, 55.816, 79.253)

Conversions

Conversions Part 1

Format	Color
Hex	D49F41
RGB	212, 159, 65
RGB Percent	83%, 62%, 25%
CMY	0.1672, 0.3752, 0.7438
CMYK	0.00, 0.25, 0.69, 0.17
HSL	38°, 63%, 54%
HSV	38°, 69%, 83%
XYZ	40.6741, 39.3444, 10.5000
YIQ	164.1310, 61.7620, -17.9980

Conversions

Conversions Part 2

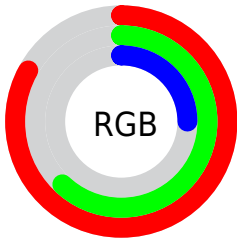
Format	Color
RYB	148, 212, 65
Decimal	13934401
CIELab	69.00, 10.41, 54.84
CIELCh	69, 55.816, 79.253
Yxy	39.3444, 0.4493, 0.4347
Android (android.graphics.Color)	4292124481 (0xFFD49F41)
YUV	164.1310, -48.8716, 41.9811
Hunter-Lab	62.7251, 5.9793, 33.9826

Details

The CIELCh color **69, 55.816, 79.253** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **51, 55.265, 284.042**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 52.779, 86.759**, and **49, 55.838, 79.503** is the 20% darker color. If you saturate the color by 10%, you get **67, 62.897, 77.523**, and if you desaturate by 10%, it is **71, 47.887, 80.818**.

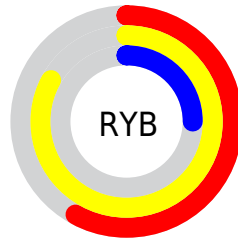
Distribution



Red (83%)

Green (62%)

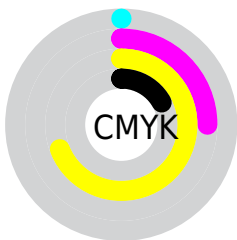
Blue (25%)



Red (58%)

Yellow (83%)

Blue (25%)

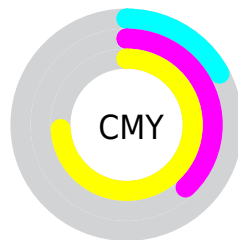


Cyan (0%)

Magenta (25%)

Yellow (69%)

Black (17%)



Cyan (17%)

Magenta (38%)

Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 55.816, 79.253 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 69, 55.816, 79.253 by changing the saturation by 10% instead.

 69, 55.816, 79.253

 69, 55.816, 79.253

 100, 55.816,
79.253

 59, 55.816, 79.253

 89, 55.816, 79.253

 49, 55.816, 79.253

 99, 55.816, 79.253

 39, 55.816, 79.253

 29, 55.816, 79.253

 19, 55.816, 79.253

 9, 55.816, 79.253

 0, 55.816, 79.253

 69, 55.816, 79.253

 69, 55.816, 79.253

 67, 62.897, 77.523

 71, 47.887, 80.818

65, 68.351, 75.465

73, 39.619, 82.289

63, 71.643, 72.941

76, 31.296, 83.704

63, 71.877, 72.751

78, 23.064, 85.076

80, 14.992, 86.406

83, 7.107, 87.681

85, 0.586, 269.435

88, 8.094, 270.206

90, 14.731,
270.227

Harmonies

Complementary

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



69, 55.816, 79.253



51, 55.265, 284.042

Rectangle

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



69, 55.816, 79.253



69, 55.816, 129.253



69, 55.816, 259.253



69, 55.816, 309.253

Sweetspot

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



69, 55.816, 79.256



94, 19.028, 86.147



51, 61.245, 2.450



49, 12.923, 85.777



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 55.816, 79.256



78, 75.399, 76.624



81, 71.410, 110.668



44, 4.396, 87.658



51, 61.113, 73.259



12, 17.830, 75.633

Inverse Universe

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



51, 55.265, 284.042



53, 77.991, 289.338



39, 87.681, 303.863



42, 4.382, 270.158



30, 68.873, 294.774



5, 20.572, 282.904

Previews

White Background



This preview shows how the CIELCh color 69, 55.816, 79.253 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 69, 55.816, 79.253 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 69, 55.816, 79.253

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.816, 79.253.



This preview shows how white text looks on a background with the CIELCh color 69, 55.816, 79.253.

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

69, 55.816, 79.253

Protanopia

69, 53.282, 95.547

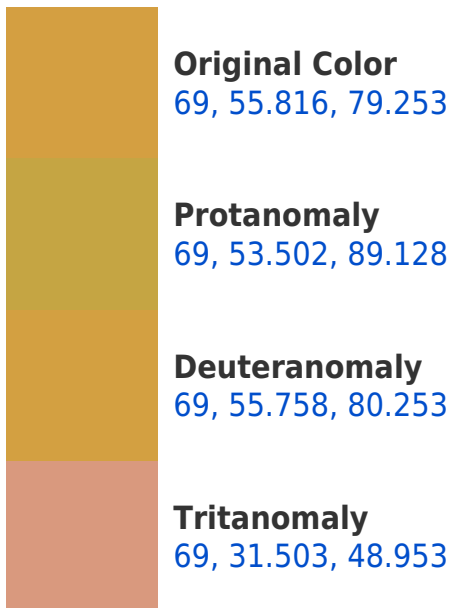
Deuteranopia

69, 55.545, 80.666



Tritanopia
69, 28.327, 9.057

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.816, 79.253 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(212, 159, 65)` looks like.

```
.text, #text, p{  
    color:rgb(212, 159, 65)  
}
```

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(212, 159, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 159, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.816, 79.253 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(212, 159, 65) }
```

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

```
.border{ border-color:rgb(212, 159, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 159, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 159, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 159, 65);  
box-shadow:4px 4px 4px 4px rgb(212, 159,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.816, 79.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 159, 65) }
```

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

```
.background{ background-color: rgb(212,  
159, 65) }
```

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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