

Converting Colors

CIELCh(68, 43.754, 72.276)

Have a look what the booklet for
CIELCh(68, 43.754, 72.276) contains.

CIELCh(68, 43.809, 72.240)	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(68, 43.809, 72.240)

Conversions

Conversions Part 1

Format	Color
Hex	D29B5A
RGB	210, 155, 90
RGB Percent	82%, 61%, 35%
CMY	0.1757, 0.3915, 0.6464
CMYK	0.00, 0.26, 0.57, 0.18
HSL	32°, 57%, 59%
HSV	32°, 57%, 82%
XYZ	40.2367, 37.9720, 14.9186
YIQ	164.0350, 53.6450, -8.5550

Conversions

Conversions Part 2

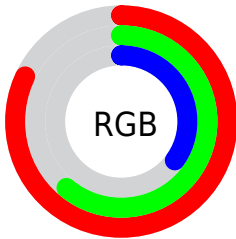
Format	Color
RYB	192, 210, 90
Decimal	13802330
CIELab	68.00, 13.36, 41.72
CIELCh	68, 43.809, 72.240
Yxy	37.9720, 0.4321, 0.4077
Android (android.graphics.Color)	4291992410 (0xFFD29B5A)
YUV	164.0350, -36.4993, 40.3113
Hunter-Lab	61.6215, 8.7169, 28.7809

Details

The CIELCh color **68, 43.809, 72.240** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **59, 38.880, 271.454**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 40.017, 78.796**, and **48, 43.802, 72.498** is the 20% darker color. If you saturate the color by 10%, you get **65, 52.064, 70.779**, and if you desaturate by 10%, it is **71, 35.551, 73.634**.

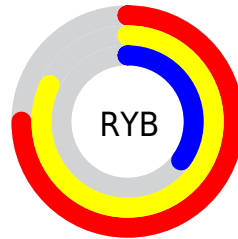
Distribution



Red (82%)

Green (61%)

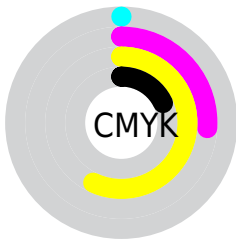
Blue (35%)



Red (75%)

Yellow (82%)

Blue (35%)

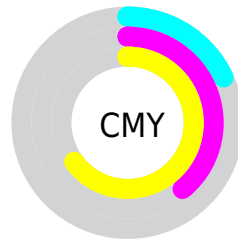


Cyan (0%)

Magenta (26%)

Yellow (57%)

Black (18%)



Cyan (18%)

Magenta (39%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 43.809, 72.240 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 68, 43.809, 72.240 by changing the saturation by 10% instead.

68, 43.809, 72.240

68, 43.809, 72.240

100, 43.809,
72.240

58, 43.809, 72.240

88, 43.809, 72.240

48, 43.809, 72.240

98, 43.809, 72.240

38, 43.809, 72.240

28, 43.809, 72.240

18, 43.809, 72.240

8, 43.809, 72.240

0, 43.809, 72.240

68, 43.809, 72.240

68, 43.809, 72.240

65, 52.064, 70.779

71, 35.551, 73.634

63, 59.925, 69.150

73, 27.480, 74.985

61, 66.685, 67.169

76, 19.678, 76.309

58, 71.437, 64.557

79, 12.170, 77.603

58, 72.663, 63.787

82, 4.952, 78.837

85, 1.994, 260.323

88, 8.690, 261.389

91, 13.708,
258.770

94, 12.368,
232.118

Harmonies

Complementary

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



68, 43.809, 72.240



59, 38.880, 271.454

Rectangle

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



68, 43.809, 72.240



68, 43.809, 122.240



68, 43.809, 252.240



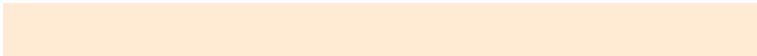
68, 43.809, 302.240

Sweetspot

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



68, 43.809, 72.244



94, 14.153, 77.592



55, 53.561, 352.341



49, 9.505, 77.332



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 43.809, 72.244



77, 62.726, 70.367



82, 60.163, 106.469



43, 3.958, 78.563



47, 61.444, 64.406



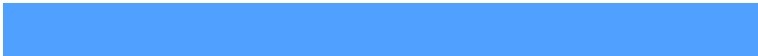
9, 15.774, 63.808

Inverse Universe

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



59, 38.880, 271.454



65, 54.796, 275.784



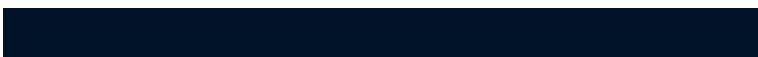
45, 71.016, 299.690



42, 3.896, 261.093



34, 57.017, 287.573



6, 17.112, 275.584

Previews

White Background



This preview shows how the CIELCh color 68, 43.809, 72.240 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 68, 43.809, 72.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

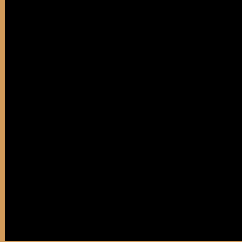
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 43.809, 72.240

Background



This preview shows how black text looks on a background with the CIELCh color 68, 43.809, 72.240.




This preview shows how white text looks on a background with the CIELCh color 68, 43.809, 72.240.

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





Tritanopia
68, 27.949, 9.965

Trichromacy



Original Color
68, 43.809, 72.240

Protanomaly
68, 39.780, 86.779

Deuteranomaly
68, 43.486, 76.003

Tritanomaly
68, 28.758, 40.323

Monochromacy



Original Color
68, 43.809, 72.240

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 15.572, 77.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 43.809, 72.240 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(210, 155, 90)` looks like.

```
.text, #text, p{  
    color:rgb(210, 155, 90)  
}
```

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(210, 155, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 155, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 43.809, 72.240 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(210, 155, 90) }
```

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

```
.border{ border-color:rgb(210, 155, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 155, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 155, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 155, 90);  
box-shadow:4px 4px 4px 4px rgb(210, 155,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 43.809, 72.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 155, 90) }
```

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

```
.background{ background-color: rgb(210,  
155, 90) }
```

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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