

Converting Colors

CIELCh(65, 22.972, 24.401)

Have a look what the booklet for
CIELCh(65, 22.972, 24.401) contains.

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Color

CIELCh(65, 22.970, 24.367)

Conversions

Conversions Part 1

Format	Color
Hex	C8908E
RGB	200, 144, 142
RGB Percent	78%, 56%, 56%
CMY	0.2168, 0.4363, 0.4442
CMYK	0.00, 0.28, 0.29, 0.22
HSL	2°, 34%, 67%
HSV	2°, 29%, 78%
XYZ	38.5346, 34.0472, 30.0251
YIQ	160.5160, 34.0180, 11.2500

Conversions

Conversions Part 2

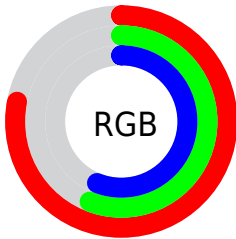
Format	Color
R _Y B	200, 144, 142
Decimal	13144206
CIE Lab	65.00, 20.92, 9.48
CIE LCh	65, 22.970, 24.367
Yxy	34.0472, 0.3756, 0.3318
Android (android.graphics.Color)	4291334286 (0xFFC8908E)
YUV	160.5160, -9.1284, 34.6275
Hunter-Lab	58.3500, 15.7699, 10.3361

Details

The CIELCh color **65, 22.970, 24.367** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 18.793, 201.339**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 21.855, 23.795**, and **45, 23.163, 23.972** is the 20% darker color. If you saturate the color by 10%, you get **60, 32.060, 25.549**, and if you desaturate by 10%, it is **70, 14.474, 23.476**.

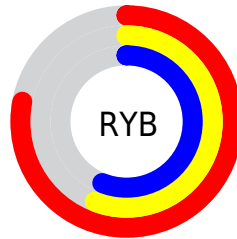
Distribution



Red (78%)

Green (56%)

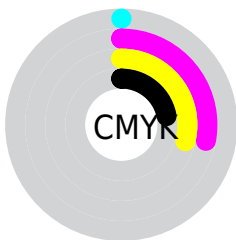
Blue (56%)



Red (78%)

Yellow (56%)

Blue (56%)

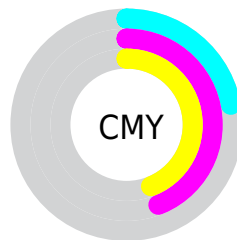


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (22%)



Cyan (22%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 22.970, 24.367 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 65, 22.970, 24.367 by changing the saturation by 10% instead.

65, 22.970, 24.367

65, 22.970, 24.367

100, 22.970,
24.367

55, 22.970, 24.367

85, 22.970, 24.367

45, 22.970, 24.367

95, 22.970, 24.367

35, 22.970, 24.367

25, 22.970, 24.367

15, 22.970, 24.367

5, 22.970, 24.367

0, 22.970, 24.367

65, 22.970, 24.367

65, 22.970, 24.367

60, 32.060, 25.549

70, 14.474, 23.476

■ 55, 41.665, 27.097

■ 76, 6.599, 22.765

■ 51, 51.616, 29.107

■ 81, 0.680, 203.163

■ 48, 61.644, 31.642

■ 87, 7.404, 202.043

■ 45, 71.328, 34.633

■ 92, 13.629,
201.722

■ 43, 79.872, 37.672

■ 96, 18.191,
198.302

■ 42, 85.972, 40.061

■ 42, 86.529, 40.329

Harmonies

Complementary

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



65, 22.970, 24.367



76, 18.793, 201.339

Rectangle

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



65, 22.970, 24.367



65, 22.970, 74.367



65, 22.970, 204.367



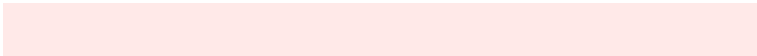
65, 22.970, 254.367

Sweetspot

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



65, 22.968, 24.372



94, 8.023, 22.772



66, 37.188, 326.940



49, 5.608, 22.871



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 22.968, 24.372



77, 34.608, 25.097



72, 20.193, 75.238



39, 4.136, 22.789



34, 74.171, 40.235



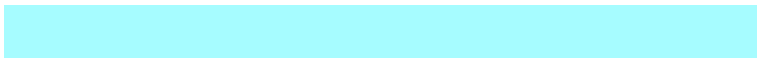
4, 15.544, 21.237

Inverse Universe

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



76, 18.793, 201.339



94, 26.905, 201.173



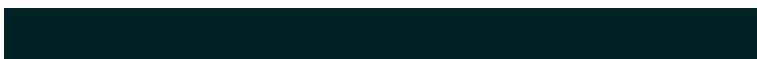
68, 18.958, 263.500



41, 3.896, 202.070



59, 34.242, 201.926



11, 12.511, 200.655

Previews

White Background



This preview shows how the CIELCh color 65, 22.970, 24.367 looks on a white background.

Color Contrast Check

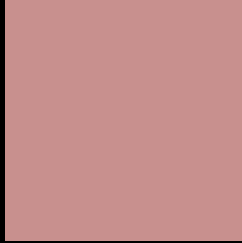
Large Text (above 18pt) WCAG AA × Fail

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 65, 22.970, 24.367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

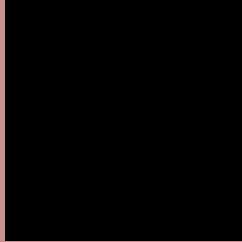
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 22.970, 24.367

Background



This preview shows how black text looks on a background with the CIELCh color 65, 22.970, 24.367.



This preview shows how white text looks on a background with the CIELCh color 65, 22.970, 24.367.

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

65, 22.970, 24.367

Protanopia

65, 5.002, 81.622

Deuteranopia

65, 13.249, 50.172



Tritanopia
65, 24.172, 7.509

Trichromacy



Original Color
65, 22.970, 24.367

Protanomaly
65, 10.177, 39.171

Deuteranomaly
65, 16.185, 36.511

Tritanomaly
65, 23.514, 13.799

Monochromacy



Original Color
65, 22.970, 24.367

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 7.877, 24.088

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 22.970, 24.367 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(200, 144, 142)` looks like.

```
.text, #text, p{  
    color:rgb(200, 144, 142)  
}
```

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(200, 144, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 144, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 22.970, 24.367 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(200, 144, 142) }
```

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

```
.border{ border-color:rgb(200, 144, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 144, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 144, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 144, 142);  
box-shadow:4px 4px 4px 4px rgb(200, 144,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 22.970, 24.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 144, 142) }
```

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

```
.background{ background-color: rgb(200,  
144, 142) }
```

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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