

Converting Colors

CIELCh(69, 24.206, 69.546)

Have a look what the booklet for
CIELCh(69, 24.206, 69.546) contains.

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Color

CIELCh(69, 24.208, 69.556)

Conversions

Conversions Part 1

Format	Color
Hex	C6A280
RGB	198, 162, 128
RGB Percent	78%, 64%, 50%
CMY	0.2240, 0.3651, 0.4985
CMYK	0.00, 0.18, 0.35, 0.22
HSL	29°, 38%, 64%
HSV	29°, 35%, 78%
XYZ	40.0450, 39.3444, 25.8674
YIQ	168.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

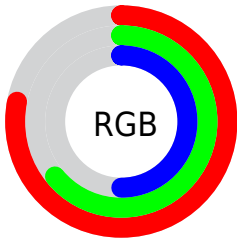
Format	Color
R_{YB}	198, 194, 128
Decimal	13017728
CIE _{Lab}	69.00, 8.46, 22.68
CIE _{LCh}	69, 24.208, 69.556
Y _{xy}	39.3444, 0.3805, 0.3738
Android (android.graphics.Color)	4291207808 (0xFFC6A280)
YUV	168.8880, -20.1578, 25.5312
Hunter-Lab	62.7251, 4.1892, 19.4568

Details

The CIELCh color **69, 24.208, 69.556** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 21.726, 259.618**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 24.053, 70.358**, and **49, 23.979, 68.403** is the 20% darker color. If you saturate the color by 10%, you get **66, 31.825, 68.336**, and if you desaturate by 10%, it is **72, 16.935, 70.782**.

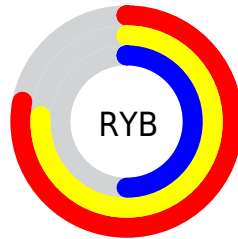
Distribution



Red (78%)

Green (64%)

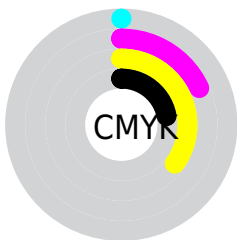
Blue (50%)



Red (78%)

Yellow (76%)

Blue (50%)

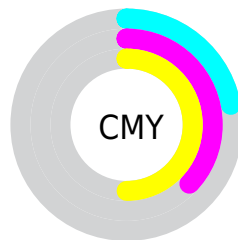


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 24.208, 69.556 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, 24.208, 69.556 by changing the saturation by 10% instead.

69, 24.208, 69.556

69, 24.208, 69.556

100, 24.208,
69.556

59, 24.208, 69.556

89, 24.208, 69.556

49, 24.208, 69.556

99, 24.208, 69.556

39, 24.208, 69.556

29, 24.208, 69.556

19, 24.208, 69.556

9, 24.208, 69.556

0, 24.208, 69.556

69, 24.208, 69.556

69, 24.208, 69.556

66, 31.825, 68.336

72, 16.935, 70.782

63, 39.741, 67.097

75, 10.008, 71.986

61, 47.827, 65.816

78, 3.410, 73.118

58, 55.791, 64.413

81, 2.888, 254.540

56, 63.051, 62.710

84, 8.916, 255.605

53, 68.667, 60.382

88, 14.702,
256.705

52, 70.926, 59.244

91, 15.917,
244.643

93, 15.884,
221.035

96, 18.234,
200.793

Harmonies

Complementary

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



69, 24.208, 69.556



66, 21.726, 259.618

Rectangle

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



69, 24.208, 69.556



69, 24.208, 119.556



69, 24.208, 249.556



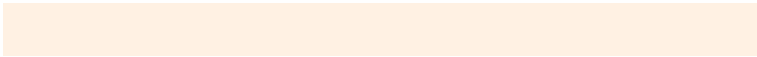
69, 24.208, 299.556

Sweetspot

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



69, 24.208, 69.563



96, 8.710, 72.480



62, 33.219, 346.085



51, 5.873, 72.319



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, 24.208, 69.563



84, 35.958, 68.672



78, 36.127, 106.062



40, 3.654, 72.684



43, 61.286, 59.820



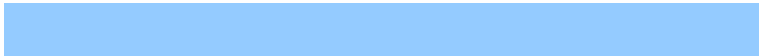
7, 12.950, 55.766

Inverse Universe

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



66, 21.726, 259.618



80, 31.473, 261.302



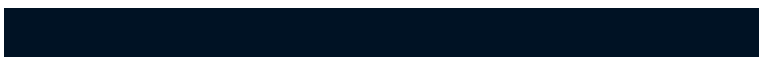
56, 39.353, 294.095



40, 3.568, 255.125



36, 49.806, 282.171



5, 13.790, 269.048

Previews

White Background



This preview shows how the CIELCh color 69, 24.208, 69.556 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 69, 24.208, 69.556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

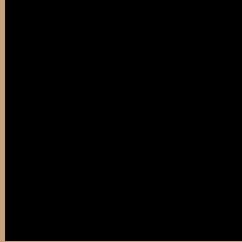
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 24.208, 69.556

Background



This preview shows how black text looks on a background with the CIELCh color 69, 24.208, 69.556.



This preview shows how white text looks on a background with the CIELCh color 69, 24.208, 69.556.

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, 24.208, 69.556

Protanopia

69, 20.775, 94.315

Deuteranopia

69, 24.208, 69.556



Tritanopia
69, 18.963, 1.101

Trichromacy



Original Color
69, 24.208, 69.556

Protanomaly
69, 21.571, 84.275

Deuteranomaly
69, 24.208, 69.556

Tritanomaly
69, 17.510, 29.823

Monochromacy



Original Color
69, 24.208, 69.556

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.577, 69.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 24.208, 69.556 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(198, 162, 128)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 128)  
}
```

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(198, 162, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 24.208, 69.556 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(198, 162, 128) }
```

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

```
.border{ border-color:rgb(198, 162, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 162, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 128);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 24.208, 69.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 128) }
```

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

```
.background{ background-color: rgb(198,  
162, 128) }
```

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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