

Converting Colors

CIELCh(69, 29.574, 45.162)

Have a look what the booklet for
CIELCh(69, 29.574, 45.162) contains.

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Color

CIELCh(69, 29.528, 45.164)

Conversions

Conversions Part 1

Format	Color
Hex	D99A84
RGB	217, 154, 132
RGB Percent	85%, 60%, 52%
CMY	0.1505, 0.3974, 0.4837
CMYK	0.00, 0.29, 0.39, 0.15
HSL	16°, 53%, 68%
HSV	16°, 39%, 85%
XYZ	44.1398, 39.3444, 26.9755
YIQ	170.3290, 44.6100, 6.5140

Conversions

Conversions Part 2

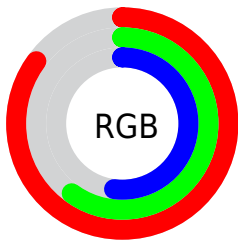
Format	Color
R _Y B	217, 162, 132
Decimal	14260868
CIE Lab	69.00, 20.82, 20.94
CIE LCh	69, 29.528, 45.164
Yxy	39.3444, 0.3996, 0.3562
Android (android.graphics.Color)	4292450948 (0xFFD99A84)
YUV	170.3290, -18.8962, 40.9305
Hunter-Lab	62.7251, 15.8420, 18.4094

Details

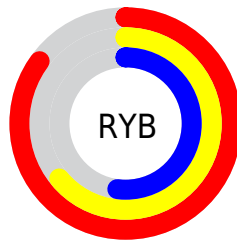
The CIELCh color **69, 29.528, 45.164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 22.637, 230.030**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 22.048, 54.670**, and **49, 29.542, 46.125** is the 20% darker color. If you saturate the color by 10%, you get **65, 38.571, 45.146**, and if you desaturate by 10%, it is **73, 21.120, 45.341**.

Distribution



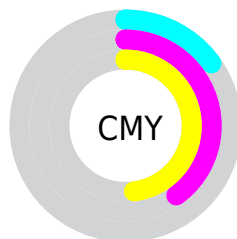
- Red (85%)
- Green (60%)
- Blue (52%)



- Red (85%)
- Yellow (64%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (39%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 29.528, 45.164 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, 29.528, 45.164 by changing the saturation by 10% instead.

69, 29.528, 45.164

69, 29.528, 45.164

100, 29.528,
45.164

59, 29.528, 45.164

89, 29.528, 45.164

49, 29.528, 45.164

99, 29.528, 45.164

39, 29.528, 45.164

29, 29.528, 45.164

19, 29.528, 45.164

9, 29.528, 45.164

0, 29.528, 45.164

69, 29.528, 45.164

69, 29.528, 45.164

65, 38.571, 45.146

73, 21.120, 45.341

61, 48.210, 45.285

78, 13.341, 45.628

57, 58.292, 45.570

82, 6.149, 45.978

54, 68.445, 45.891

87, 0.505, 227.639

51, 77.820, 45.936

92, 6.679, 227.143

49, 85.165, 45.309

96, 11.430,
211.842

49, 85.717, 45.293

97, 12.895,
198.645

Harmonies

Complementary

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



69, 29.528, 45.164



75, 22.637, 230.030

Rectangle

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



69, 29.528, 45.164



69, 29.528, 95.164



69, 29.528, 225.164



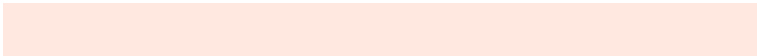
69, 29.528, 275.164

Sweetspot

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



69, 29.527, 45.170



94, 9.242, 45.876



66, 45.972, 335.081



49, 6.163, 45.829



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, 29.527, 45.170



76, 41.749, 45.138



79, 34.764, 92.383



43, 3.754, 45.971



39, 71.390, 45.778



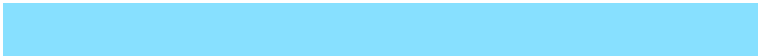
7, 18.773, 34.619

Inverse Universe

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



75, 22.637, 230.030



85, 29.923, 231.344



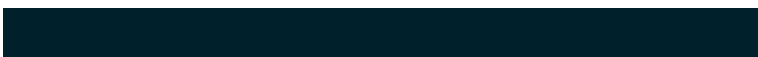
64, 35.863, 283.454



44, 3.555, 227.122



50, 34.179, 247.769



11, 12.838, 237.839

Previews

White Background



This preview shows how the CIELCh color 69, 29.528, 45.164 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, 29.528, 45.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

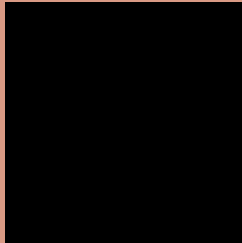
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.528, 45.164

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.528, 45.164.



This preview shows how white text looks on a background with the CIELCh color 69, 29.528, 45.164.

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
69, 28.327, 9.057

Trichromacy



Original Color
69, 29.528, 45.164

Protanomaly
69, 19.421, 68.996

Deuteranomaly
69, 24.971, 57.960

Tritanomaly
69, 27.225, 23.132

Monochromacy



Original Color
69, 29.528, 45.164

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.100, 45.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.528, 45.164 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(217, 154, 132)` looks like.

```
.text, #text, p{  
    color:rgb(217, 154, 132)  
}
```

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(217, 154, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 154, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.528, 45.164 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(217, 154, 132) }
```

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

```
.border{ border-color:rgb(217, 154, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 154, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 154, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 154, 132);  
box-shadow:4px 4px 4px 4px rgb(217, 154,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.528, 45.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 154, 132) }
```

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

```
.background{ background-color: rgb(217,  
154, 132) }
```

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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