

Converting Colors

CIELCh(69, 26.131, 20.322)

Have a look what the booklet for
CIELCh(69, 26.131, 20.322) contains.

CIELCh(69, 26.215, 20.739)	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, 26.215, 20.739)

Conversions

Conversions Part 1

Format	Color
Hex	D99899
RGB	217, 152, 153
RGB Percent	85%, 60%, 60%
CMY	0.1503, 0.4051, 0.4012
CMYK	0.00, 0.30, 0.30, 0.15
HSL	359°, 46%, 72%
HSV	359°, 30%, 85%
XYZ	45.4162, 39.3444, 35.2034
YIQ	171.5490, 38.4190, 14.0910

Conversions

Conversions Part 2

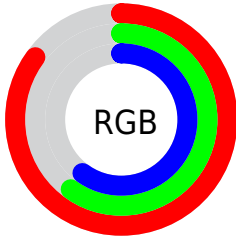
Format	Color
RYB	217, 152, 153
Decimal	14260377
CIELab	69.00, 24.52, 9.28
CIElCh	69, 26.215, 20.739
Yxy	39.3444, 0.3786, 0.3280
Android (android.graphics.Color)	4292450457 (0xFFD99899)
YUV	171.5490, -9.1447, 39.8605
Hunter-Lab	62.7251, 19.4743, 10.6321

Details

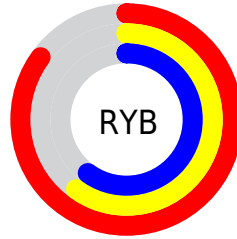
The CIELCh color **69, 26.215, 20.739** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 21.475, 196.493**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.052, 20.740**, and **49, 26.572, 20.425** is the 20% darker color. If you saturate the color by 10%, you get **64, 36.170, 22.183**, and if you desaturate by 10%, it is **75, 16.836, 19.627**.

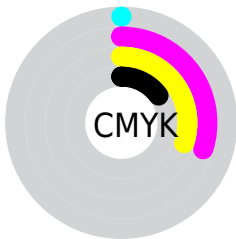
Distribution



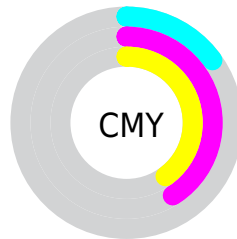
- Red (85%)
- Green (60%)
- Blue (60%)



- Red (85%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 26.215, 20.739 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, 26.215, 20.739 by changing the saturation by 10% instead.

69, 26.215, 20.739

69, 26.215, 20.739

100, 26.215,
20.739

59, 26.215, 20.739

89, 26.215, 20.739

49, 26.215, 20.739

99, 26.215, 20.739

39, 26.215, 20.739

29, 26.215, 20.739

19, 26.215, 20.739

9, 26.215, 20.739

0, 26.215, 20.739

69, 26.215, 20.739

69, 26.215, 20.739

64, 36.170, 22.183

75, 16.836, 19.627

■ 59, 46.567, 24.052

■ 81, 8.096, 18.732

■ 54, 57.164, 26.465

■ 87, 0.014, 246.557

■ 51, 67.623, 29.503

■ 93, 7.514, 197.672

■ 48, 77.493, 33.095

■ 97, 12.880,
198.646

■ 46, 85.990, 36.773

■ 45, 91.807, 39.477

■ 45, 91.814, 39.481

Harmonies

Complementary

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



69, 26.215, 20.739



82, 21.475, 196.493

Rectangle

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



69, 26.215, 20.739



69, 26.215, 70.739



69, 26.215, 200.739



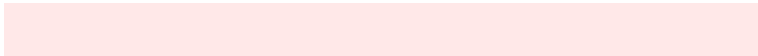
69, 26.215, 250.739

Sweetspot

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



69, 26.213, 20.744



94, 8.298, 18.657



71, 41.765, 325.589



49, 5.799, 18.779



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, 26.213, 20.744



76, 36.721, 21.613



77, 21.786, 69.940



42, 4.548, 18.685



35, 76.695, 39.274



5, 21.987, 19.082

Inverse Universe

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



69, 26.213, 20.744



76, 36.721, 21.613



74, 19.875, 258.257



42, 4.548, 18.685



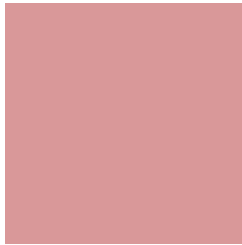
35, 76.695, 39.274



5, 21.987, 19.082

Previews

White Background



This preview shows how the CIELCh color 69, 26.215, 20.739 looks on a white background.

Color Contrast Check

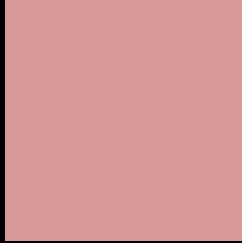
Large Text (above 18pt) WCAG AA × Fail

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, 26.215, 20.739 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, 26.215, 20.739

Background



This preview shows how black text looks on a background with the CIELCh color 69, 26.215, 20.739.



This preview shows how white text looks on a background with the CIELCh color 69, 26.215, 20.739.

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, 26.215, 20.739

Protanopia

69, 4.271, 82.948

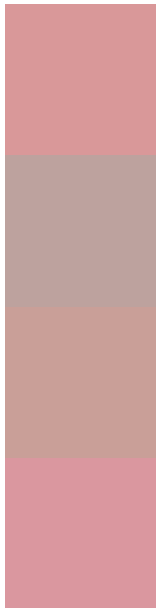
Deuteranopia

69, 13.402, 49.377



Tritanopia
69, 27.514, 8.556

Trichromacy



Original Color
69, 26.215, 20.739

Protanomaly
69, 10.867, 31.845

Deuteranomaly
69, 17.377, 33.458

Tritanomaly
69, 26.923, 12.855

Monochromacy



Original Color
69, 26.215, 20.739

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 9.322, 20.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 26.215, 20.739 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, 152, 153)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 153)  
}
```

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, 152, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 26.215, 20.739 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, 152, 153) }
```

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

```
.border{ border-color:rgb(217, 152, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 152, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 153);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 26.215, 20.739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 153) }
```

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

```
.background{ background-color: rgb(217,  
152, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor