

Converting Colors

CIELCh(71, 18.148, 12.493)

Have a look what the booklet for
CIELCh(71, 18.148, 12.493) contains.

CIELCh(71, 18.170, 12.537)	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(71, 18.170, 12.537)

Conversions

Conversions Part 1

Format	Color
Hex	D0A2A7
RGB	208, 162, 167
RGB Percent	82%, 64%, 65%
CMY	0.1832, 0.3636, 0.3440
CMYK	0.00, 0.22, 0.20, 0.18
HSL	353°, 33%, 73%
HSV	353°, 22%, 82%
XYZ	46.0610, 42.1875, 42.4060
YIQ	176.3240, 25.8110, 11.3070

Conversions

Conversions Part 2

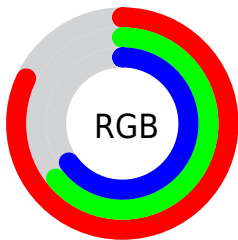
Format	Color
R _Y B	208, 162, 167
Decimal	13673127
CIE Lab	71.00, 17.74, 3.94
CIE LCh	71, 18.170, 12.537
Yxy	42.1875, 0.3525, 0.3229
Android (android.graphics.Color)	4291863207 (0xFFD0A2A7)
YUV	176.3240, -4.5967, 27.7799
Hunter-Lab	64.9519, 12.9183, 6.7569

Details

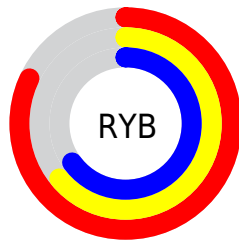
The CIELCh color **71, 18.170, 12.537** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 16.186, 188.740**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.185, 9.949**, and **51, 18.279, 12.629** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.173, 13.872**, and if you desaturate by 10%, it is **77, 9.635, 11.446**.

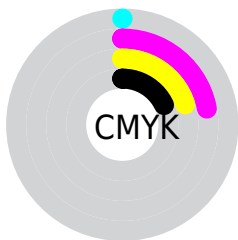
Distribution



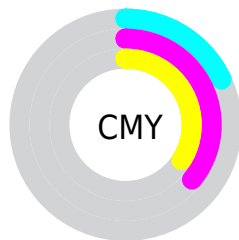
- Red (82%)
- Green (64%)
- Blue (65%)



- Red (82%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (18%)



- Cyan (18%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 18.170, 12.537 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 71, 18.170, 12.537 by changing the saturation by 10% instead.

■ 71, 18.170, 12.537

■ 71, 18.170, 12.537

■ 100, 18.170,
12.537

■ 61, 18.170, 12.537

■ 91, 18.170, 12.537

■ 51, 18.170, 12.537

■ 41, 18.170, 12.537

■ 31, 18.170, 12.537

■ 21, 18.170, 12.537

■ 11, 18.170, 12.537

■ 1, 18.170, 12.537

■ 0, 18.170, 12.537

■ 71, 18.170, 12.537

■ 71, 18.170, 12.537

66, 27.173, 13.872

77, 9.635, 11.446

60, 36.547, 15.529

82, 1.614, 10.280

56, 46.099, 17.628

88, 5.898, 189.975

52, 55.551, 20.300

94, 12.930,
189.294

48, 64.575, 23.669

97, 15.538,
198.472

46, 72.866, 27.767

44, 80.157, 32.369

44, 85.062, 35.771

Harmonies

Complementary

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



71, 18.170, 12.537



80, 16.186, 188.740

Rectangle

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



71, 18.170, 12.537



71, 18.170, 62.537



71, 18.170, 192.537



71, 18.170, 242.537

Sweetspot

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



71, 18.168, 12.543



95, 6.469, 10.942



72, 29.018, 322.288



50, 4.212, 11.004



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 18.168, 12.543



82, 26.581, 13.202



75, 14.768, 59.736



41, 4.497, 11.177



35, 71.996, 35.062



4, 20.065, 14.412

Inverse Universe

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



71, 18.168, 12.543



82, 26.581, 13.202



76, 13.334, 244.582



41, 4.497, 11.177



35, 71.996, 35.062



4, 20.065, 14.412

Previews

White Background



This preview shows how the CIELCh color 71, 18.170, 12.537 looks on a white background.

Color Contrast Check

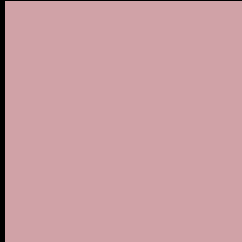
Large Text (above 18pt) WCAG AA × Fail

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 71, 18.170, 12.537 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 71, 18.170, 12.537

Background



This preview shows how black text looks on a background with the CIELCh color 71, 18.170, 12.537.



This preview shows how white text looks on a background with the CIELCh color 71, 18.170, 12.537.

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

71, 18.170, 12.537

Protanopia

71, 1.509, 19.206

Deuteranopia

71, 10.171, 26.340



Tritanopia
71, 19.743, 0.413

Trichromacy



Original Color
71, 18.170, 12.537

Protanomaly
71, 7.357, 11.504

Deuteranomaly
71, 12.877, 20.514

Tritanomaly
71, 19.462, 3.452

Monochromacy



Original Color
71, 18.170, 12.537

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.126, 14.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 18.170, 12.537 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(208, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(208, 162, 167)  
}
```

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(208, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 162, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 18.170, 12.537 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(208, 162, 167) }
```

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

```
.border{ border-color:rgb(208, 162, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 162, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(208, 162,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 18.170, 12.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 162, 167) }
```

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

```
.background{ background-color: rgb(208,  
162, 167) }
```

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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