

Converting Colors

CIELCh(72, 25.986, 331.102)

Have a look what the booklet for
CIELCh(72, 25.986, 331.102)
contains.

CIELCh(72, 25.962, 331.095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 25.962, 331.095)

Conversions

Conversions Part 1

Format	Color
Hex	D0A3C8
RGB	208, 163, 200
RGB Percent	82%, 64%, 78%
CMY	0.1852, 0.3616, 0.2165
CMYK	0.00, 0.22, 0.04, 0.19
HSL	311°, 32%, 73%
HSV	311°, 22%, 81%
XYZ	49.4117, 43.6590, 60.3350
YIQ	180.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

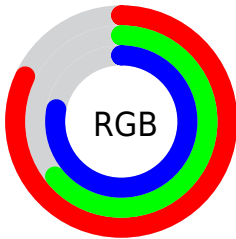
Format	Color
R_{YB}	208, 163, 200
Decimal	13673416
CIE Lab	72.00, 22.73, -12.55
CIE LCh	72, 25.962, 331.095
Yxy	43.6590, 0.3221, 0.2846
Android (android.graphics.Color)	4291863496 (0xFFD0A3C8)
YUV	180.6730, 9.5282, 23.9658
Hunter-Lab	66.0750, 17.8534, -7.8870

Details

The CIELCh color $72, 25.962, 331.095$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 25.872, 148.252$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.170, 325.231$, and $52, 25.850, 331.043$ is the 20% darker color. If you saturate the color by 10%, you get $67, 37.897, 331.750$, and if you desaturate by 10%, it is $77, 13.915, 330.453$.

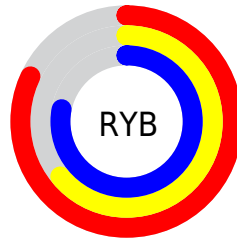
Distribution



Red (82%)

Green (64%)

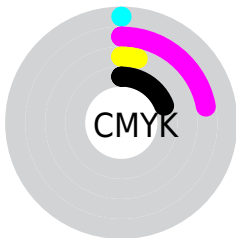
Blue (78%)



Red (82%)

Yellow (64%)

Blue (78%)

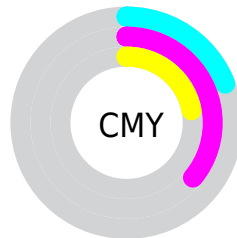


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 25.962, 331.095 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 72, 25.962, 331.095 by changing the saturation by 10% instead.


 72, 25.962,
331.095


 72, 25.962,
331.095


 100, 25.962,
331.095


 62, 25.962,
331.095


 92, 25.962,
331.095

 52, 25.962,
331.095

 42, 25.962,
331.095

 32, 25.962,
331.095

 22, 25.962,
331.095

 12, 25.962,
331.095

 2, 25.962, 331.095

72, 25.962,
331.095

72, 25.962,
331.095

67, 37.897,
331.750

77, 13.915,
330.453

62, 49.433,
332.417

83, 1.963, 329.705

58, 60.170,
333.099

88, 9.770, 149.308

94, 21.210,
148.729

55, 69.616,
333.797

96, 25.286,
149.990

52, 77.235,
334.523

96, 23.856,
152.901

49, 82.566,
335.294

96, 22.487,

■ 48, 85.371,
336.140

156.158

■ 47, 86.138,
336.914

■ 96, 21.190,
159.811

■ 96, 19.981,
163.907

Harmonies

Complementary

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



72, 25.962, 331.095



79, 25.872, 148.252

Rectangle

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



72, 25.962, 331.095



72, 25.962, 21.095



72, 25.962, 151.095



72, 25.962, 201.095

Sweetspot

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



72, 25.960, 331.096



96, 8.431, 330.088



69, 24.953, 298.507



51, 5.595, 330.133



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 25.960, 331.096



84, 36.815, 331.398



71, 18.982, 355.881



41, 6.802, 330.309



38, 73.782, 336.761



5, 27.123, 334.618

Inverse Universe

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



72, 25.960, 331.096



84, 36.815, 331.398



80, 17.958, 171.642



41, 6.802, 330.309



38, 73.782, 336.761



5, 27.123, 334.618

Previews

White Background



This preview shows how the CIELCh color 72, 25.962, 331.095 looks on a white background.

Color Contrast Check

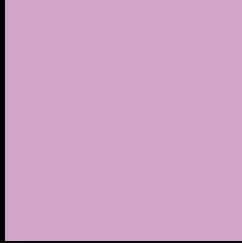
Large Text (above 18pt) WCAG AA × Fail

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 72, 25.962, 331.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

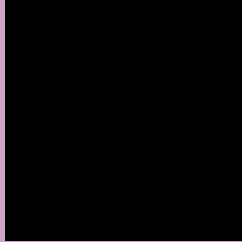
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 25.962, 331.095

Background



This preview shows how black text looks on a background with the CIELCh color 72, 25.962, 331.095.



This preview shows how white text looks on a background with the CIELCh color 72, 25.962, 331.095.

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
72, 16.428, 355.570

Trichromacy



Original Color
72, 25.962, 331.095

Protanomaly
72, 19.180, 305.750

Deuteranomaly
72, 18.585, 319.465

Tritanomaly
72, 19.450, 343.395

Monochromacy



Original Color
72, 25.962, 331.095

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.268, 330.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 25.962, 331.095 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, 163, 200)` looks like.

```
.text, #text, p{  
    color:rgb(208, 163, 200)  
}
```

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, 163, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 163, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 25.962, 331.095 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, 163, 200) }
```

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

```
.border{ border-color:rgb(208, 163, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 163, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 163, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 163, 200);  
box-shadow:4px 4px 4px 4px rgb(208, 163,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 25.962, 331.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 163, 200) }
```

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

```
.background{ background-color: rgb(208,  
163, 200) }
```

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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