

Converting Colors

CIELCh(72, 5.780, 24.874)

Have a look what the booklet for
CIELCh(72, 5.780, 24.874) contains.

CIELCh(72, 5.753, 25.204)	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(72, 5.753, 25.204)

Conversions

Conversions Part 1

Format	Color
Hex	BCADAC
RGB	188, 173, 172
RGB Percent	74%, 68%, 67%
CMY	0.2620, 0.3208, 0.3248
CMYK	0.00, 0.08, 0.09, 0.26
HSL	4°, 11%, 71%
HSV	4°, 9%, 74%
XYZ	43.2285, 43.6590, 45.2715
YIQ	177.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

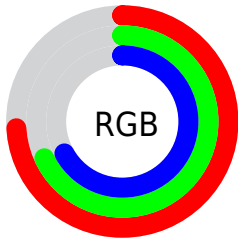
Format	Color
RYB	188, 173, 172
Decimal	12365228
CIELab	72.00, 5.21, 2.45
CIELCh	72, 5.753, 25.204
Yxy	43.6590, 0.3271, 0.3304
Android (android.graphics.Color)	4290555308 (0xFFBCADAC)
YUV	177.3710, -2.6479, 9.3216
Hunter-Lab	66.0750, 1.1496, 5.6297

Details

The CIELCh color $72, 5.753, 25.204$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 5.449, 204.793$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.807, 24.786$, and $52, 5.764, 25.710$ is the 20% darker color. If you saturate the color by 10%, you get $67, 13.033, 25.813$, and if you desaturate by 10%, it is $77, 0.972, 205.472$.

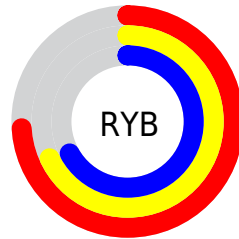
Distribution



Red (74%)

Green (68%)

Blue (67%)



Red (74%)

Yellow (68%)

Blue (67%)

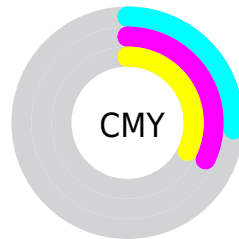


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.753, 25.204 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, 5.753, 25.204 by changing the saturation by 10% instead.

 72, 5.753, 25.204

 72, 5.753, 25.204

 100, 5.753, 25.204

 62, 5.753, 25.204

 92, 5.753, 25.204

 52, 5.753, 25.204

 42, 5.753, 25.204

 32, 5.753, 25.204

 22, 5.753, 25.204

 12, 5.753, 25.204

 2, 5.753, 25.204

 0, 5.753, 25.204

 72, 5.753, 25.204

 72, 5.753, 25.204

67, 13.033, 25.813

77, 0.972, 205.472

62, 20.900, 26.563

82, 7.183, 204.721

58, 29.348, 27.563

87, 12.933,
204.494

53, 38.323, 28.893

93, 18.274,
204.351

49, 47.699, 30.631

46, 57.255, 32.830

96, 21.632,
198.085

43, 66.624, 35.436

41, 75.091, 38.106

40, 81.460, 40.239

Harmonies

Complementary

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



72, 5.753, 25.204



75, 5.449, 204.793

Rectangle

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



72, 5.753, 25.204



72, 5.753, 75.204



72, 5.753, 205.204



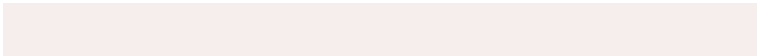
72, 5.753, 255.204

Sweetspot

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



72, 5.752, 25.223



95, 2.458, 24.823



72, 10.223, 326.255



50, 1.869, 24.911



98, 0.011, 296.813



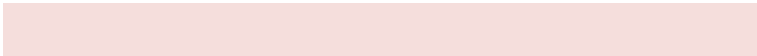
51, 0.007, 296.813

Same Dimension

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



72, 5.752, 25.223



90, 8.431, 25.316



74, 5.470, 79.519



37, 3.855, 25.271



33, 71.952, 40.544



3, 11.734, 23.185

Inverse Universe

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



75, 5.449, 204.793



94, 7.900, 204.729



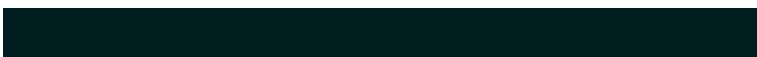
73, 5.402, 261.805



39, 3.631, 204.759



56, 32.357, 206.855



9, 10.720, 205.145

Previews

White Background



This preview shows how the CIELCh color 72, 5.753, 25.204 looks on a white background.

Color Contrast Check

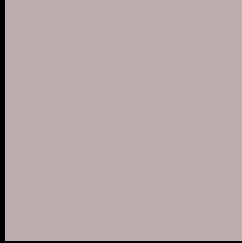
Large Text (above 18pt) WCAG AA × Fail

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 72, 5.753, 25.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

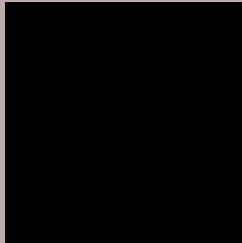
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 5.753, 25.204

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.753, 25.204.



This preview shows how white text looks on a background with the CIELCh color 72, 5.753, 25.204.

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


72, 5.753, 25.204

Protanopia

72, 1.846, 55.193

Deuteranopia

72, 9.269, 13.471



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 5.753, 25.204

Protanomaly
72, 3.213, 39.211

Deuteranomaly
72, 8.060, 16.200

Tritanomaly
72, 7.758, 345.979

Monochromacy



Original Color
72, 5.753, 25.204

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.260, 19.374

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.753, 25.204 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(188, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 172)  
}
```

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(188, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.753, 25.204 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(188, 173, 172) }
```

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

```
.border{ border-color:rgb(188, 173, 172) }
```

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

Here you see how a box with a 4 pixel rgb(188, 173, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.753, 25.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 173, 172) }
```

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

```
.background{ background-color: rgb(188,  
173, 172) }
```

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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