

Converting Colors

CIELCh(75, 5.554, 44.944)

Have a look what the booklet for
CIELCh(75, 5.554, 44.944) contains.

CIELCh(75, 5.376, 43.238)	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(75, 5.376, 43.238)

Conversions

Conversions Part 1

Format	Color
Hex	C3B6B2
RGB	195, 182, 178
RGB Percent	76%, 71%, 70%
CMY	0.2352, 0.2862, 0.3019
CMYK	0.00, 0.07, 0.09, 0.24
HSL	14°, 12%, 73%
HSV	14°, 9%, 76%
XYZ	47.2752, 48.2781, 48.9513
YIQ	185.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

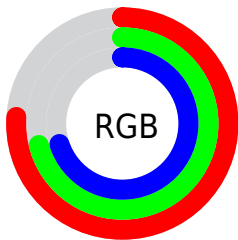
Format	Color
RYB	195, 183, 178
Decimal	12826290
CIELab	75.00, 3.92, 3.68
CIELCh	75, 5.376, 43.238
Yxy	48.2781, 0.3272, 0.3341
Android (android.graphics.Color)	4291016370 (0xFFC3B6B2)
YUV	185.4310, -3.6635, 8.3920
Hunter-Lab	69.4824, -0.1446, 6.8671

Details

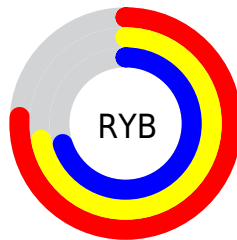
The CIELCh color $75, 5.376, 43.238$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.105, 224.159$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.424, 41.751$, and $55, 5.389, 44.882$ is the 20% darker color. If you saturate the color by 10%, you get $71, 12.015, 43.032$, and if you desaturate by 10%, it is $79, 0.764, 224.406$.

Distribution



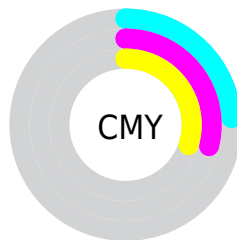
- Red (76%)
- Green (71%)
- Blue (70%)



- Red (76%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (24%)



- Cyan (24%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.376, 43.238 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 75, 5.376, 43.238 by changing the saturation by 10% instead.

 75, 5.376, 43.238

 75, 5.376, 43.238

 100, 5.376, 43.238

 65, 5.376, 43.238

 95, 5.376, 43.238

 55, 5.376, 43.238

 45, 5.376, 43.238

 35, 5.376, 43.238

 25, 5.376, 43.238

 15, 5.376, 43.238

 5, 5.376, 43.238

 0, 5.376, 43.238

 75, 5.376, 43.238

 75, 5.376, 43.238

71, 12.015, 43.032

79, 0.764, 224.406

67, 19.204, 42.871

84, 6.453, 224.223

62, 26.975, 42.836

88, 11.743,
224.646

59, 35.340, 42.965

93, 16.503,
223.388

55, 44.259, 43.279

51, 53.602, 43.772

96, 19.611,
198.212

48, 63.055, 44.351

46, 71.899, 44.733

44, 79.035, 44.548

Harmonies

Complementary

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



75, 5.376, 43.238



76, 5.105, 224.159

Rectangle

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



75, 5.376, 43.238



75, 5.376, 93.238



75, 5.376, 223.238



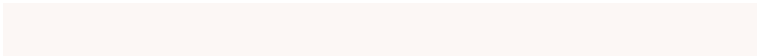
75, 5.376, 273.238

Sweetspot

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



75, 5.375, 43.262



98, 2.229, 43.272



74, 9.488, 332.242



52, 1.709, 43.303



0, 0.000, 0.000



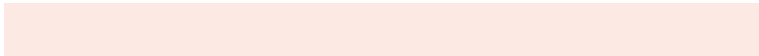
53, 0.007, 296.813

Same Dimension

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



75, 5.375, 43.262



94, 7.647, 43.230



77, 6.870, 95.037



39, 3.487, 43.248



36, 68.872, 44.991



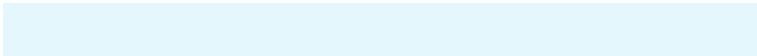
4, 12.205, 34.349

Inverse Universe

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



76, 5.105, 224.159



96, 7.197, 224.221



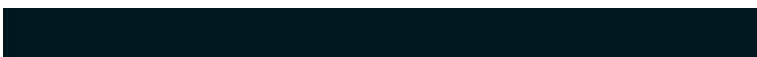
74, 6.912, 277.204



40, 3.298, 224.186



48, 31.834, 242.688



7, 10.339, 233.990

Previews

White Background



This preview shows how the CIELCh color 75, 5.376, 43.238 looks on a white background.

Color Contrast Check

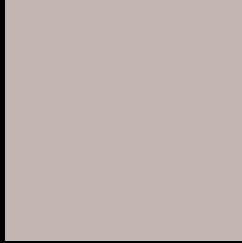
Large Text (above 18pt) WCAG AA × Fail

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 75, 5.376, 43.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

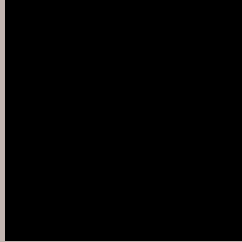
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

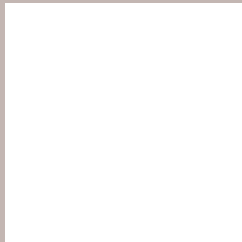
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.376, 43.238

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.376, 43.238.



This preview shows how white text looks on a background with the CIELCh color 75, 5.376, 43.238.

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


75, 5.376, 43.238

Protanopia

75, 3.267, 74.677

Deuteranopia

75, 9.937, 20.188



Tritanopia
75, 9.860, 330.212

Trichromacy



Original Color
75, 5.376, 43.238

Protanomaly
75, 3.694, 55.078

Deuteranomaly
75, 8.018, 23.836

Tritanomaly
75, 6.770, 346.076

Monochromacy



Original Color
75, 5.376, 43.238

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.147, 49.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.376, 43.238 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(195, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 178)  
}
```

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(195, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.376, 43.238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

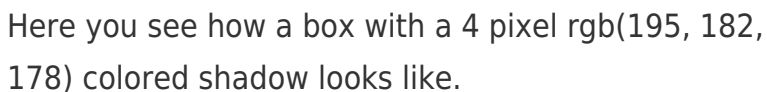
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 182, 178) }
```

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

```
.border{ border-color:rgb(195, 182, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 182, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 182, 178); box-shadow:4px 4px 4px 4px rgb(195, 182, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.376, 43.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 178) }
```

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

```
.background{ background-color: rgb(195,  
182, 178) }
```

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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