

Converting Colors

CIELCh(75, 10.058, 48.573)

Have a look what the booklet for
CIELCh(75, 10.058, 48.573) contains.

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Color

CIELCh(75, 10.163, 48.327)

Conversions

Conversions Part 1

Format	Color
Hex	CBB4AB
RGB	203, 180, 171
RGB Percent	80%, 71%, 67%
CMY	0.2039, 0.2941, 0.3294
CMYK	0.00, 0.11, 0.16, 0.20
HSL	17°, 24%, 73%
HSV	17°, 16%, 80%
XYZ	48.2995, 48.2781, 45.2997
YIQ	185.8510, 16.5970, 2.0770

Conversions

Conversions Part 2

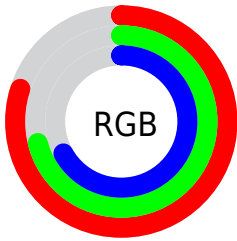
Format	Color
RYB	203, 184, 171
Decimal	13350059
CIELab	75.00, 6.76, 7.59
CIElCh	75, 10.163, 48.327
Yxy	48.2781, 0.3404, 0.3403
Android (android.graphics.Color)	4291540139 (0xFFCBB4AB)
YUV	185.8510, -7.3215, 15.0397
Hunter-Lab	69.4824, 2.4868, 9.9830

Details

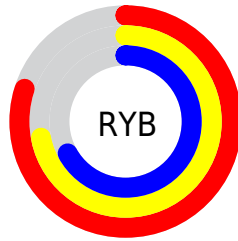
The CIELCh color $75, 10.163, 48.327$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.274, 230.455$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.616, 56.107$, and $55, 10.291, 46.493$ is the 20% darker color. If you saturate the color by 10%, you get $71, 17.274, 47.905$, and if you desaturate by 10%, it is $79, 3.575, 48.779$.

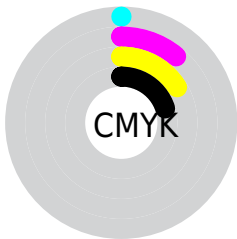
Distribution



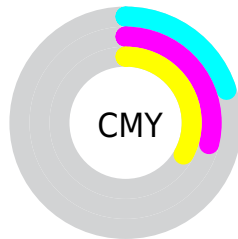
- Red (80%)
- Green (71%)
- Blue (67%)



- Red (80%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 10.163, 48.327 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, 10.163, 48.327 by changing the saturation by 10% instead.


 75, 10.163, 48.327

 75, 10.163, 48.327

 100, 10.163,
48.327

 65, 10.163, 48.327

 95, 10.163, 48.327

 55, 10.163, 48.327

 45, 10.163, 48.327

 35, 10.163, 48.327

 25, 10.163, 48.327

 15, 10.163, 48.327

 5, 10.163, 48.327

 0, 10.163, 48.327

 75, 10.163, 48.327

 75, 10.163, 48.327

71, 17.274, 47.905

79, 3.575, 48.779

67, 24.951, 47.557

84, 2.539, 229.716

63, 33.217, 47.327

88, 8.231, 230.197

59, 42.055, 47.235

92, 13.550,
230.816

56, 51.372, 47.273

96, 16.502,
202.097

53, 60.916, 47.373

50, 70.098, 47.320

97, 17.181,
198.366

47, 77.722, 46.631

46, 80.598, 46.361

Harmonies

Complementary

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



75, 10.163, 48.327



77, 9.274, 230.455

Rectangle

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



75, 10.163, 48.327



75, 10.163, 98.327



75, 10.163, 228.327



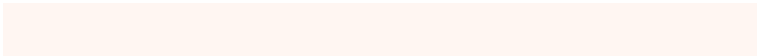
75, 10.163, 278.327

Sweetspot

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



75, 10.162, 48.341



97, 3.721, 48.798



73, 17.388, 334.008



52, 2.546, 48.779



0, 0.000, 0.000



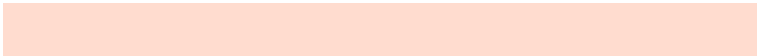
53, 0.007, 296.813

Same Dimension

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



75, 10.162, 48.341



90, 14.941, 48.181



79, 13.346, 96.468



41, 3.582, 48.636



38, 68.954, 46.824



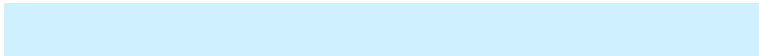
6, 15.399, 35.931

Inverse Universe

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



77, 9.274, 230.455



93, 13.334, 230.768



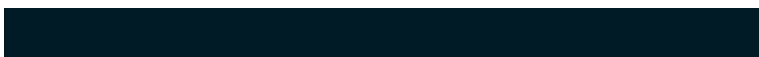
73, 13.521, 280.363



41, 3.400, 229.972



47, 34.379, 252.119



9, 11.949, 240.739

Previews

White Background



This preview shows how the CIELCh color 75, 10.163, 48.327 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, 10.163, 48.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

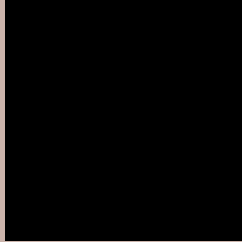
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 10.163, 48.327

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.163, 48.327.



This preview shows how white text looks on a background with the CIELCh color 75, 10.163, 48.327.

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, 10.163, 48.327

Protanopia

75, 6.477, 85.201

Deuteranopia

75, 12.293, 38.016



Tritanopia
75, 13.210, 345.780

Trichromacy



Original Color
75, 10.163, 48.327

Protanomaly
75, 7.491, 71.583

Deuteranomaly
75, 11.363, 42.296

Tritanomaly
75, 10.715, 2.803

Monochromacy



Original Color
75, 10.163, 48.327

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 3.402, 47.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.163, 48.327 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(203, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(203, 180, 171)  
}
```

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(203, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 180, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.163, 48.327 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(203, 180, 171) }
```

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

```
.border{ border-color:rgb(203, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(203, 180,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.163, 48.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 180, 171) }
```

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

```
.background{ background-color: rgb(203,  
180, 171) }
```

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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