

Converting Colors

CIELCh(75, 9.254, 105.120)

Have a look what the booklet for
CIELCh(75, 9.254, 105.120) contains.

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Color

CIELCh(75, 9.164, 104.484)

Conversions

Conversions Part 1

Format	Color
Hex	BBB9A8
RGB	187, 185, 168
RGB Percent	73%, 73%, 66%
CMY	0.2654, 0.2732, 0.3399
CMYK	0.00, 0.01, 0.10, 0.27
HSL	54°, 12%, 70%
HSV	54°, 10%, 73%
XYZ	45.0872, 48.2781, 44.1433
YIQ	183.6600, 6.6490, -4.8630

Conversions

Conversions Part 2

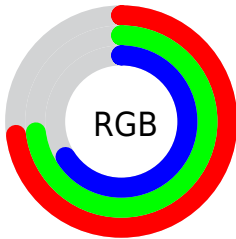
Format	Color
R_{YB}	170, 187, 168
Decimal	12302760
CIE _{Lab}	75.00, -2.29, 8.87
CIE _{LCh}	75, 9.164, 104.484
Yxy	48.2781, 0.3279, 0.3511
Android (android.graphics.Color)	4290492840 (0xFFBBB9A8)
YUV	183.6600, -7.7204, 2.9292
Hunter-Lab	69.4824, -5.7656, 10.9698

Details

The CIELCh color **75, 9.164, 104.484** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 9.334, 286.690**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 9.231, 104.931**, and **55, 9.178, 103.884** is the 20% darker color. If you saturate the color by 10%, you get **74, 18.205, 103.438**, and if you desaturate by 10%, it is **76, 0.123, 104.701**.

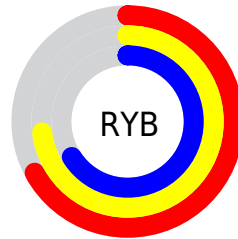
Distribution



Red (73%)

Green (73%)

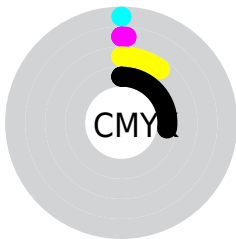
Blue (66%)



Red (67%)

Yellow (73%)

Blue (66%)

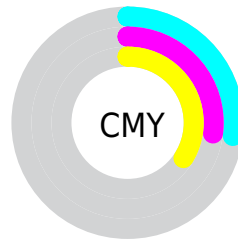


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.164, 104.484 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, 9.164, 104.484 by changing the saturation by 10% instead.

■ 75, 9.164, 104.484

■ 75, 9.164, 104.484

■ 100, 9.164,
104.484

■ 65, 9.164, 104.484

■ 95, 9.164, 104.484

■ 55, 9.164, 104.484

■ 45, 9.164, 104.484

■ 35, 9.164, 104.484

■ 25, 9.164, 104.484

■ 15, 9.164, 104.484

■ 5, 9.164, 104.484

■ 0, 9.164, 104.484

■ 75, 9.164, 104.484

■ 75, 9.164, 104.484

74, 18.205,
103.438

76, 0.123, 104.701

73, 27.188,
102.364

77, 8.891, 286.559

72, 36.027,
101.287

78, 17.857,
287.520

72, 44.577,
100.221

79, 26.763,
288.445

71, 52.606, 99.184

80, 31.919,
288.493

70, 59.756, 98.194

81, 30.865,
287.063

70, 65.537, 97.266

81, 29.832,
285.539

69, 69.409, 96.405

82, 28.821,
283.913

68, 71.396, 95.603

82, 27.834,
282.177

Harmonies

Complementary

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



75, 9.164, 104.484



70, 9.334, 286.690

Rectangle

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



75, 9.164, 104.484



75, 9.164, 154.484



75, 9.164, 284.484



75, 9.164, 334.484

Sweetspot

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



75, 9.166, 104.494



95, 3.330, 105.206



71, 7.381, 10.602



51, 2.547, 105.131



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 9.166, 104.494



94, 13.362, 104.280



75, 10.603, 124.395



39, 5.149, 104.576



58, 63.031, 95.704



10, 14.721, 101.357

Inverse Universe

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



70, 9.334, 286.690



87, 13.650, 286.937



70, 10.792, 305.410



37, 5.238, 286.597



19, 88.310, 304.659



2, 16.120, 287.541

Previews

White Background



This preview shows how the CIELCh color 75, 9.164, 104.484 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, 9.164, 104.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

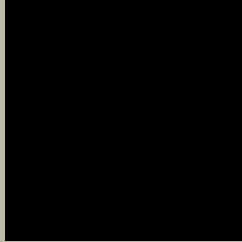
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

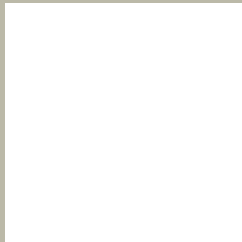
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.164, 104.484

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.164, 104.484.



This preview shows how white text looks on a background with the CIELCh color 75, 9.164, 104.484.

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, 9.164, 104.484

Protanopia

75, 9.129, 89.553

Deuteranopia

75, 12.495, 40.300



Tritanopia
75, 8.935, 314.965

Trichromacy



Original Color
75, 9.164, 104.484

Protanomaly
75, 8.899, 94.272

Deuteranomaly
75, 9.815, 60.782

Tritanomaly
75, 3.084, 347.871

Monochromacy



Original Color
75, 9.164, 104.484

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.244, 103.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.164, 104.484 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(187, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(187, 185, 168)  
}
```

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(187, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 185, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.164, 104.484 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(187, 185, 168) }
```

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

```
.border{ border-color:rgb(187, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(187, 185,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.164, 104.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 185, 168) }
```

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

```
.background{ background-color: rgb(187,  
185, 168) }
```

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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