

Converting Colors

CIELCh(76, 10.905, 151.648)

Have a look what the booklet for
CIELCh(76, 10.905, 151.648)
contains.

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Color

CIELCh(76, 10.374, 152.196)

Conversions

Conversions Part 1

Format	Color
Hex	ADC0B2
RGB	173, 192, 178
RGB Percent	68%, 75%, 70%
CMY	0.3210, 0.2464, 0.3014
CMYK	0.10, 0.00, 0.07, 0.25
HSL	136°, 13%, 72%
HSV	136°, 10%, 75%
XYZ	44.2002, 49.8872, 49.4976
YIQ	184.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

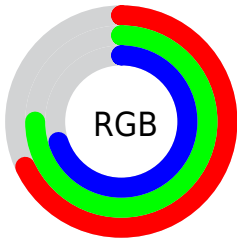
Format	Color
RYB	173, 188, 192
Decimal	11387058
CIELab	76.00, -9.18, 4.84
CIELCh	76, 10.374, 152.196
Yxy	49.8872, 0.3078, 0.3474
Android (android.graphics.Color)	4289577138 (0xFFADC0B2)
YUV	184.7230, -3.3144, -10.2811
Hunter-Lab	70.6309, -11.9003, 7.8916

Details

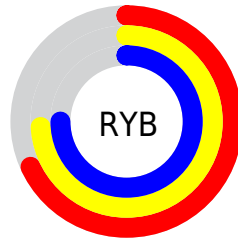
The CIELCh color $76, 10.374, 152.196$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 10.421, 333.453$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 10.119, 153.758$, and $56, 10.764, 150.491$ is the 20% darker color. If you saturate the color by 10%, you get $74, 20.939, 151.400$, and if you desaturate by 10%, it is $78, 0.122, 330.236$.

Distribution



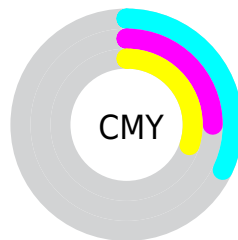
- Red (68%)
- Green (75%)
- Blue (70%)



- Red (68%)
- Yellow (74%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)





- Cyan (32%)
- Magenta (25%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 10.374, 152.196 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 76, 10.374, 152.196 by changing the saturation by 10% instead.


 76, 10.374,
152.196

 76, 10.374,
152.196


 100, 10.374,
152.196


 66, 10.374,
152.196


 96, 10.374,
152.196

 56, 10.374,
152.196

 46, 10.374,
152.196

 36, 10.374,
152.196

 26, 10.374,
152.196

 16, 10.374,
152.196

 6, 10.374, 152.196

0, 10.374, 152.196

76, 10.374,
152.196

76, 10.374,
152.196

74, 20.939,
151.400

78, 0.122, 330.236

73, 31.440,
150.496

80, 10.456,
333.407

72, 41.716,
149.455

82, 20.560,
333.946

71, 51.578,
148.258

84, 30.387,
334.416

70, 60.817,
146.888

85, 36.920,
328.598

69, 69.228,
145.343

85, 39.410,
325.792

■ 69, 76.622,
143.639

■ 68, 82.854,
141.825

■ 68, 87.912,
140.048

Harmonies

Complementary

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



76, 10.374, 152.196



73, 10.421, 333.453

Rectangle

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



76, 10.374, 152.196



76, 10.374, 202.196



76, 10.374, 332.196



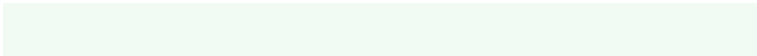
76, 10.374, 22.196

Sweetspot

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



76, 10.376, 152.195



98, 3.873, 152.738



77, 10.327, 119.304



52, 2.939, 152.663



99, 0.012, 296.813



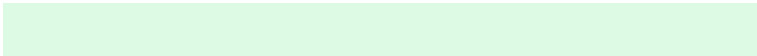
52, 0.007, 296.813

Same Dimension

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



76, 10.376, 152.195



96, 15.601, 152.019



76, 7.407, 178.683



40, 5.987, 152.234



58, 76.559, 140.297



10, 21.323, 149.305

Inverse Universe

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



73, 10.421, 333.453



91, 15.675, 333.613



72, 7.658, 0.395



38, 6.012, 333.416



36, 67.084, 342.062



4, 18.871, 338.062

Previews

White Background



This preview shows how the CIELCh color 76, 10.374, 152.196 looks on a white background.

Color Contrast Check

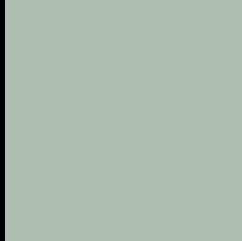
Large Text (above 18pt) WCAG AA × Fail

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 76, 10.374, 152.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

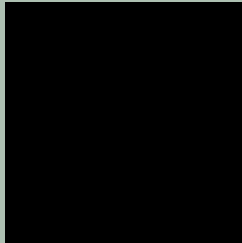
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

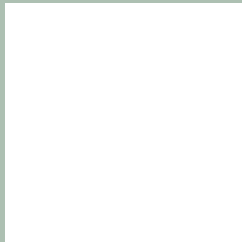
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.374, 152.196

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.374, 152.196.



This preview shows how white text looks on a background with the CIELCh color 76, 10.374, 152.196.

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

76, 10.374, 152.196

Protanopia

76, 6.464, 85.212

Deuteranopia

76, 10.339, 23.169



Tritanopia
76, 8.881, 265.053

Trichromacy



Original Color
76, 10.374, 152.196

Protanomaly
76, 6.486, 116.254

Deuteranomaly
76, 4.958, 59.993

Tritanomaly
76, 5.432, 222.540

Monochromacy



Original Color
76, 10.374, 152.196

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 3.756, 153.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.374, 152.196 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(173, 192, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 192, 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(173, 192, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 192, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.374, 152.196 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(173, 192, 178) }
```

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

```
.border{ border-color:rgb(173, 192, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 192, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 192, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 192, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 192,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.374, 152.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 192, 178) }
```

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

```
.background{ background-color: rgb(173,  
192, 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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