

Converting Colors

CIELCh(76, 42.430, 92.084)

Have a look what the booklet for
CIELCh(76, 42.430, 92.084) contains.

CIELCh(76, 42.475, 92.215)	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(76, 42.475, 92.215)

Conversions

Conversions Part 1

Format	Color
Hex	D2BA6C
RGB	210, 186, 108
RGB Percent	82%, 73%, 42%
CMY	0.1766, 0.2707, 0.5766
CMYK	0.00, 0.11, 0.49, 0.18
HSL	46°, 53%, 62%
HSV	46°, 49%, 82%
XYZ	46.8299, 49.8872, 21.3420
YIQ	184.2840, 39.3420, -19.1700

Conversions

Conversions Part 2

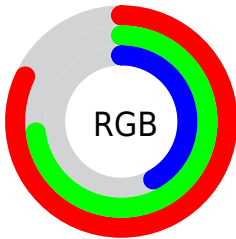
Format	Color
RYB	139, 210, 108
Decimal	13810284
CIELab	76.00, -1.64, 42.44
CIELCh	76, 42.475, 92.215
Yxy	49.8872, 0.3967, 0.4226
Android (android.graphics.Color)	4292000364 (0xFFD2BA6C)
YUV	184.2840, -37.6080, 22.5529
Hunter-Lab	70.6309, -5.2545, 31.5264

Details

The CIELCh color $76, 42.475, 92.215$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $56, 44.744, 286.441$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 41.276, 99.742$, and $56, 42.334, 92.379$ is the 20% darker color. If you saturate the color by 10%, you get $74, 50.882, 90.902$, and if you desaturate by 10%, it is $78, 33.771, 93.508$.

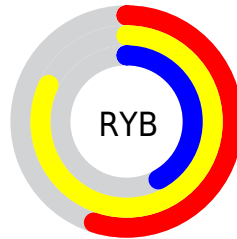
Distribution



Red (82%)

Green (73%)

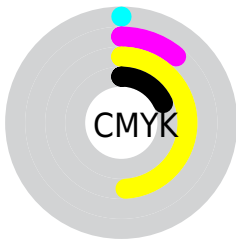
Blue (42%)



Red (55%)

Yellow (82%)

Blue (42%)

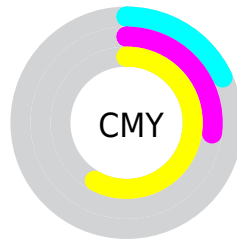


Cyan (0%)

Magenta (11%)

Yellow (49%)

Black (18%)



Cyan (18%)

Magenta (27%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 42.475, 92.215 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, 42.475, 92.215 by changing the saturation by 10% instead.

 76, 42.475, 92.215

 76, 42.475, 92.215

 100, 42.475,
92.215

 66, 42.475, 92.215

 96, 42.475, 92.215

 56, 42.475, 92.215

 46, 42.475, 92.215

 36, 42.475, 92.215

 26, 42.475, 92.215

 16, 42.475, 92.215

 6, 42.475, 92.215

 0, 42.475, 92.215

 76, 42.475, 92.215

 76, 42.475, 92.215

74, 50.882, 90.902

78, 33.771, 93.508

73, 58.654, 89.549

79, 24.961, 94.771

72, 65.264, 88.130

81, 16.156, 96.000

70, 70.004, 86.581

83, 7.414, 97.185

69, 72.430, 84.826

84, 1.236, 278.516

69, 72.715, 84.572

86, 9.782, 279.498

88, 18.219,
280.553

89, 16.067,
272.725

91, 14.278,
262.766

Harmonies

Complementary

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



76, 42.475, 92.215



56, 44.744, 286.441

Rectangle

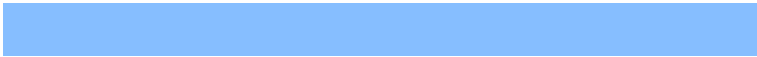
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 42.475, 92.215



76, 42.475, 142.215



76, 42.475, 272.215



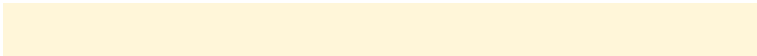
76, 42.475, 322.215

Sweetspot

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



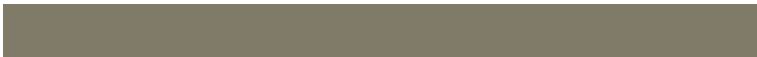
76, 42.476, 92.219



97, 15.247, 96.410



58, 43.032, 6.106



51, 10.415, 96.154



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 42.476, 92.219



89, 58.981, 90.892



80, 53.121, 116.935



43, 4.892, 97.089



56, 61.754, 84.899



12, 18.310, 88.526

Inverse Universe

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



56, 44.744, 286.441



61, 63.546, 289.019



52, 59.528, 304.002



41, 4.936, 279.379



25, 81.784, 300.987



3, 21.460, 286.874

Previews

White Background



This preview shows how the CIELCh color 76, 42.475, 92.215 looks on a white background.

Color Contrast Check

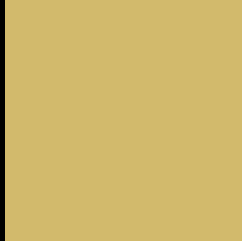
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 42.475, 92.215 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, 42.475, 92.215

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.475, 92.215.

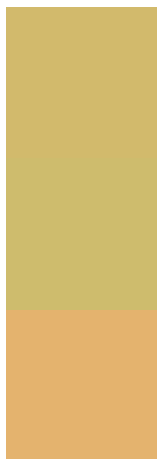


This preview shows how white text looks on a background with the CIELCh color 76, 42.475, 92.215.

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, 42.475, 92.215

Protanopia

76, 42.294, 95.747

Deuteranopia

76, 42.880, 77.017



Tritanopia
76, 17.498, 355.606

Trichromacy



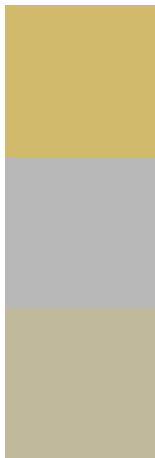
Original Color
76, 42.475, 92.215

Protanomaly
76, 42.017, 94.509

Deuteranomaly
76, 42.497, 83.130

Tritanomaly
76, 17.740, 57.181

Monochromacy



Original Color
76, 42.475, 92.215

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 15.874, 97.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.475, 92.215 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(210, 186, 108)` looks like.

```
.text, #text, p{  
    color:rgb(210, 186, 108)  
}
```

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(210, 186, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 186, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.475, 92.215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

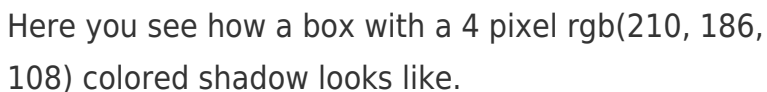
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 186, 108) }
```

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

```
.border{ border-color:rgb(210, 186, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 186, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 186, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 186, 108);  
box-shadow:4px 4px 4px 4px rgb(210, 186,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.475, 92.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 186, 108) }
```

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

```
.background{ background-color: rgb(210,  
186, 108) }
```

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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