

Converting Colors

CIELCh(75, 44.043, 137.646)

Have a look what the booklet for
CIELCh(75, 44.043, 137.646)
contains.

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Color

CIELCh(75, 44.469, 137.379)

Conversions

Conversions Part 1

Format	Color
Hex	8DC880
RGB	141, 200, 128
RGB Percent	55%, 78%, 50%
CMY	0.4487, 0.2174, 0.4996
CMYK	0.30, 0.00, 0.36, 0.22
HSL	109°, 39%, 64%
HSV	109°, 36%, 78%
XYZ	35.3341, 48.2781, 27.7376
YIQ	174.1510, -12.0520, -34.9000

Conversions

Conversions Part 2

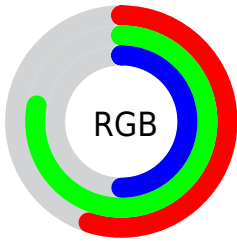
Format	Color
RYB	128, 200, 187
Decimal	9291904
CIELab	75.00, -32.72, 30.11
CIElCh	75, 44.469, 137.379
Yxy	48.2781, 0.3173, 0.4336
Android (android.graphics.Color)	4287481984 (0xFF8DC880)
YUV	174.1510, -22.7524, -29.0734
Hunter-Lab	69.4824, -30.8213, 24.9690

Details

The CIELCh color **75, 44.469, 137.379** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 45.089, 320.995**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 43.456, 137.194**, and **55, 44.635, 137.558** is the 20% darker color. If you saturate the color by 10%, you get **74, 56.346, 136.682**, and if you desaturate by 10%, it is **76, 32.224, 138.030**.

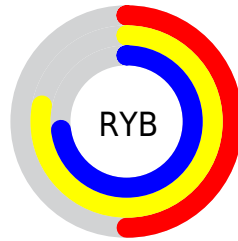
Distribution



Red (55%)

Green (78%)

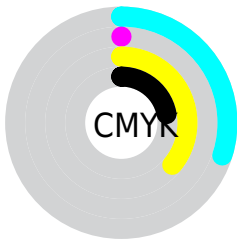
Blue (50%)



Red (50%)

Yellow (78%)

Blue (73%)

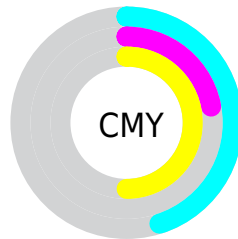


Cyan (30%)

Magenta (0%)

Yellow (36%)

Black (22%)



Cyan (45%)


Magenta (22%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 44.469, 137.379 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, 44.469, 137.379 by changing the saturation by 10% instead.


 75, 44.469,
137.379


 75, 44.469,
137.379


 100, 44.469,
137.379


 65, 44.469,
137.379


 95, 44.469,
137.379

 55, 44.469,
137.379

 45, 44.469,
137.379

 35, 44.469,
137.379

 25, 44.469,
137.379

 15, 44.469,
137.379

 5, 44.469, 137.379

0, 44.469, 137.379

75, 44.469,
137.379

75, 44.469,
137.379

74, 56.346,
136.682

76, 32.224,
138.030

73, 67.555,
135.973

78, 19.828,
138.616

72, 77.706,
135.323

79, 7.444, 139.146

71, 86.309,
134.837

81, 4.812, 319.518

71, 92.837,
134.645

83, 16.859,
319.933

71, 96.940,
134.836

85, 28.642,
320.265

87, 34.770,

■ 71, 98.121,
134.920

325.633

Harmonies

Complementary

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



75, 44.469, 137.379



62, 45.089, 320.995

Rectangle

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



75, 44.469, 137.379



75, 44.469, 187.379



75, 44.469, 317.379



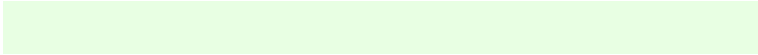
75, 44.469, 7.379

Sweetspot

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



75, 44.470, 137.380



98, 16.532, 138.881



75, 31.756, 97.226



52, 11.115, 138.808



0, 0.000, 0.000



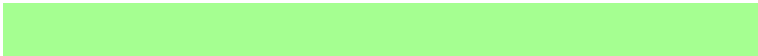
53, 0.007, 296.813

Same Dimension

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



75, 44.470, 137.380



92, 64.342, 136.855



75, 37.427, 151.890



41, 6.959, 138.974



59, 84.369, 134.791



11, 25.286, 140.032

Inverse Universe

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



62, 45.089, 320.995



73, 65.350, 321.298



62, 37.918, 337.682



39, 6.994, 319.795



33, 84.084, 321.459



4, 24.677, 319.304

Previews

White Background



This preview shows how the CIELCh color 75, 44.469, 137.379 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, 44.469, 137.379 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, 44.469, 137.379

Background



This preview shows how black text looks on a background with the CIELCh color 75, 44.469, 137.379.



This preview shows how white text looks on a background with the CIELCh color 75, 44.469, 137.379.

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](#).

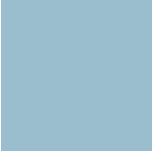
Dichromacy



Original Color
75, 44.469, 137.379

Protanopia
75, 34.222, 95.593

Deuteranopia
75, 29.372, 71.147



Tritanopia
75, 14.400, 233.072

Trichromacy



Original Color
75, 44.469, 137.379

Protanomaly
75, 35.767, 114.706

Deuteranomaly
74, 28.876, 103.304

Tritanomaly
75, 18.169, 169.556

Monochromacy



Original Color
75, 44.469, 137.379

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 16.271, 138.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 44.469, 137.379 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(141, 200, 128)` looks like.

```
.text, #text, p{  
    color:rgb(141, 200, 128)  
}
```

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(141, 200, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 200, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 44.469, 137.379 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(141, 200, 128) }
```

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

```
.border{ border-color:rgb(141, 200, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 200, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 200, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 200, 128);  
box-shadow:4px 4px 4px 4px rgb(141, 200,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 44.469, 137.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 200, 128) }
```

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

```
.background{ background-color: rgb(141,  
200, 128) }
```

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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