

Converting Colors

CIELCh(77, 39.748, 129.957)

Have a look what the booklet for
CIELCh(77, 39.748, 129.957)
contains.

CIELCh(77, 40.092, 129.935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 40.092, 129.935)

Conversions

Conversions Part 1

Format	Color
Hex	A2CA84
RGB	162, 202, 132
RGB Percent	64%, 79%, 52%
CMY	0.3651, 0.2082, 0.4827
CMYK	0.20, 0.00, 0.35, 0.21
HSL	94°, 40%, 65%
HSV	94°, 35%, 79%
XYZ	40.1385, 51.5317, 29.6291
YIQ	182.0600, -1.3700, -30.2500

Conversions

Conversions Part 2

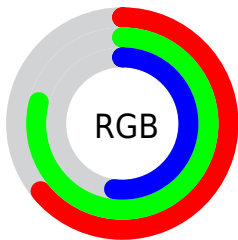
Format	Color
RYB	132, 202, 172
Decimal	10668676
CIELab	77.00, -25.74, 30.74
CIElCh	77, 40.092, 129.935
Yxy	51.5317, 0.3309, 0.4248
Android (android.graphics.Color)	4288858756 (0xFFA2CA84)
YUV	182.0600, -24.6796, -17.5926
Hunter-Lab	71.7856, -25.8177, 25.7783

Details

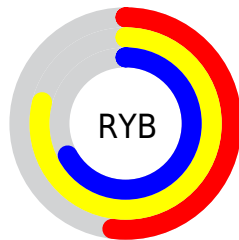
The CIELCh color $77, 40.092, 129.935$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $61, 41.753, 313.100$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 37.563, 129.080$, and $57, 40.015, 130.153$ is the 20% darker color. If you saturate the color by 10%, you get $76, 51.289, 129.459$, and if you desaturate by 10%, it is $78, 28.613, 130.425$.

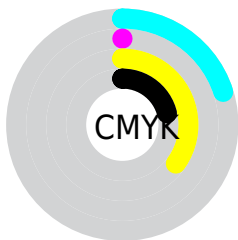
Distribution



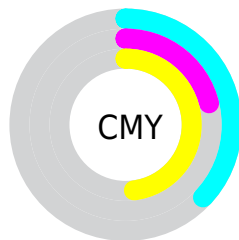
- Red (64%)
- Green (79%)
- Blue (52%)



- Red (52%)
- Yellow (79%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (35%)
- Black (21%)





- Cyan (37%)
- Magenta (21%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 40.092, 129.935 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 77, 40.092, 129.935 by changing the saturation by 10% instead.


 77, 40.092,
129.935


 77, 40.092,
129.935


 100, 40.092,
129.935


 67, 40.092,
129.935


 97, 40.092,
129.935

 57, 40.092,
129.935

 47, 40.092,
129.935

 37, 40.092,
129.935

 27, 40.092,
129.935

 17, 40.092,
129.935

 7, 40.092, 129.935

0, 40.092, 129.935

77, 40.092,
129.935

77, 40.092,
129.935

76, 51.289,
129.459

78, 28.613,
130.425

75, 61.968,
129.038

79, 17.009,
130.901

74, 71.808,
128.748

81, 5.392, 131.360

74, 80.373,
128.695

82, 6.155, 311.713

73, 87.167,
129.007

84, 17.577,
312.092

73, 91.811,
129.788

85, 28.835,
312.420

86, 31.263,

■ 72, 93.651,
130.306

318.754

■ 87, 33.155,
325.171

■ 87, 33.297,
325.583

Harmonies

Complementary

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



77, 40.092, 129.935



61, 41.753, 313.100

Rectangle

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



77, 40.092, 129.935



77, 40.092, 179.935



77, 40.092, 309.935



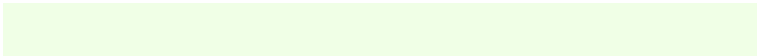
77, 40.092, 359.935

Sweetspot

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



77, 40.094, 129.936



98, 14.000, 131.108



72, 25.094, 77.752



52, 9.556, 131.043



0, 0.000, 0.000



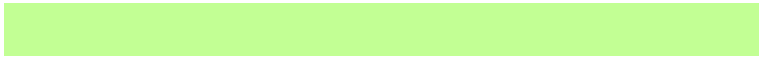
53, 0.007, 296.813

Same Dimension

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



77, 40.094, 129.936



94, 58.399, 129.556



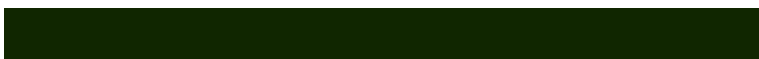
75, 43.685, 143.722



42, 6.624, 131.142



60, 80.686, 130.084



13, 25.153, 132.915

Inverse Universe

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



61, 41.753, 313.100



71, 61.427, 313.475



64, 43.667, 328.238



40, 6.701, 311.911



27, 88.945, 313.736



3, 24.933, 309.423

Previews

White Background



This preview shows how the CIELCh color 77, 40.092, 129.935 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 77, 40.092, 129.935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

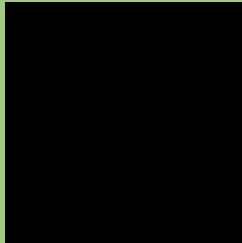
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 40.092, 129.935

Background



This preview shows how black text looks on a background with the CIELCh color 77, 40.092, 129.935.



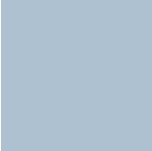
This preview shows how white text looks on a background with the CIELCh color 77, 40.092, 129.935.

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





Tritanopia
77, 10.482, 249.488

Trichromacy



Original Color
77, 40.092, 129.935

Protanomaly
77, 34.298, 109.700

Deuteranomaly
76, 29.210, 96.903

Tritanomaly
77, 13.211, 157.922

Monochromacy



Original Color
77, 40.092, 129.935

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 14.490, 130.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 40.092, 129.935 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(162, 202, 132)` looks like.

```
.text, #text, p{  
    color:rgb(162, 202, 132)  
}
```

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(162, 202, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 202, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 40.092, 129.935 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(162, 202, 132) }
```

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

```
.border{ border-color:rgb(162, 202, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 202, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 202, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 202, 132); box-shadow:4px 4px 4px 4px rgb(162, 202, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 40.092, 129.935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 202, 132) }
```

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

```
.background{ background-color: rgb(162,  
202, 132) }
```

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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