

Converting Colors

CIELCh(79, 37.695, 135.834)

Have a look what the booklet for
CIELCh(79, 37.695, 135.834)
contains.

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Color

CIELCh(79, 37.373, 136.045)

Conversions

Conversions Part 1

Format	Color
Hex	A1D092
RGB	161, 208, 146
RGB Percent	63%, 82%, 57%
CMY	0.3676, 0.1833, 0.4265
CMYK	0.23, 0.00, 0.30, 0.18
HSL	105°, 40%, 70%
HSV	105°, 30%, 82%
XYZ	42.5785, 54.9284, 35.6547
YIQ	186.8790, -8.1100, -29.2460

Conversions

Conversions Part 2

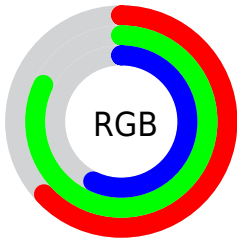
Format	Color
RYB	146, 208, 193
Decimal	10604690
CIELab	79.00, -26.90, 25.94
CIElCh	79, 37.373, 136.045
Yxy	54.9284, 0.3198, 0.4125
Android (android.graphics.Color)	4288794770 (0xFFA1D092)
YUV	186.8790, -20.1533, -22.6959
Hunter-Lab	74.1137, -27.1503, 23.3563

Details

The CIELCh color $79, 37.373, 136.045$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $67, 38.016, 318.829$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 31.278, 134.454$, and $59, 37.114, 136.109$ is the 20% darker color. If you saturate the color by 10%, you get $78, 49.708, 135.440$, and if you desaturate by 10%, it is $80, 24.824, 136.609$.

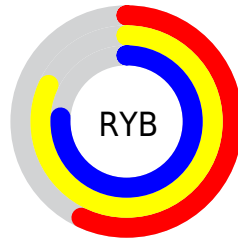
Distribution



Red (63%)

Green (82%)

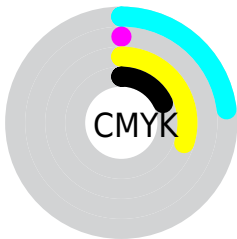
Blue (57%)



Red (57%)

Yellow (82%)

Blue (76%)

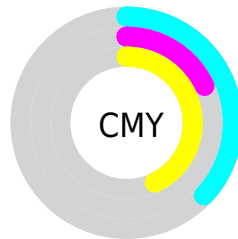


Cyan (23%)

Magenta (0%)

Yellow (30%)

Black (18%)



Cyan (37%)


Magenta (18%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 37.373, 136.045 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 79, 37.373, 136.045 by changing the saturation by 10% instead.


 79, 37.373,
136.045

 79, 37.373,
136.045


 100, 37.373,
136.045


 69, 37.373,
136.045


 99, 37.373,
136.045

 59, 37.373,
136.045

 49, 37.373,
136.045

 39, 37.373,
136.045

 29, 37.373,
136.045

 19, 37.373,
136.045

 9, 37.373, 136.045

■ 0, 37.373, 136.045

■ 79, 37.373,
136.045

■ 79, 37.373,
136.045

■ 78, 49.708,
135.440

■ 80, 24.824,
136.609

■ 77, 61.587,
134.818

■ 82, 12.229,
137.122

■ 76, 72.687,
134.232

■ 84, 0.287, 316.842

■ 75, 82.576,
133.769

■ 85, 12.633,
317.923

■ 74, 90.727,
133.549

■ 87, 24.752,
318.266

■ 74, 96.631,
133.697

■ 89, 29.297,
325.444

■ 74, 100.275,
134.179

■ 74, 100.346,
134.188

Harmonies

Complementary

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



79, 37.373, 136.045



67, 38.016, 318.829

Rectangle

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



79, 37.373, 136.045



79, 37.373, 186.045



79, 37.373, 316.045



79, 37.373, 6.045

Sweetspot

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



79, 37.375, 136.046



98, 13.261, 137.155



78, 25.496, 93.606



52, 9.222, 137.083



0, 0.000, 0.000



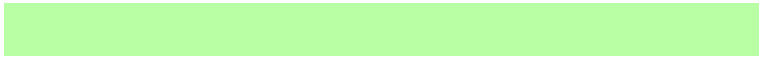
53, 0.007, 296.813

Same Dimension

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



79, 37.375, 136.046



94, 53.127, 135.647



78, 33.772, 150.014



43, 7.118, 137.140



60, 85.453, 134.025



13, 28.388, 137.021

Inverse Universe

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



67, 38.016, 318.829



77, 54.224, 319.110



68, 34.011, 334.360



41, 7.165, 317.927



33, 86.813, 319.317



4, 28.912, 318.413

Previews

White Background



This preview shows how the CIELCh color 79, 37.373, 136.045 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 79, 37.373, 136.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

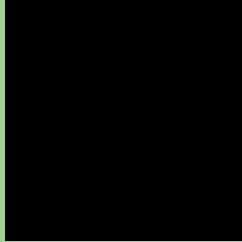
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 37.373, 136.045

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.373, 136.045.



This preview shows how white text looks on a background with the CIELCh color 79, 37.373, 136.045.

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
79, 37.373, 136.045

Protanopia
79, 29.730, 95.574

Deuteranopia
79, 25.964, 67.127



Tritanopia
79, 12.141, 243.912

Trichromacy



Original Color
79, 37.373, 136.045

Protanomaly
79, 30.685, 113.383

Deuteranomaly
78, 24.640, 99.474

Tritanomaly
79, 13.586, 170.218

Monochromacy



Original Color
79, 37.373, 136.045

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 13.918, 136.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.373, 136.045 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(161, 208, 146)` looks like.

```
.text, #text, p{  
    color:rgb(161, 208, 146)  
}
```

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(161, 208, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 208, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.373, 136.045 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(161, 208, 146) }
```

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

```
.border{ border-color:rgb(161, 208, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 208, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 208, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 208, 146); box-shadow:4px 4px 4px 4px rgb(161, 208, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.373, 136.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 208, 146) }
```

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

```
.background{ background-color: rgb(161,  
208, 146) }
```

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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