

Converting Colors

CIELCh(44, 61.184, 141.076)

Have a look what the booklet for
CIELCh(44, 61.184, 141.076)
contains.

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Color

CIELCh(44, 61.089, 141.050)

Conversions

Conversions Part 1

Format	Color
Hex	017921
RGB	1, 121, 33
RGB Percent	0%, 47%, 13%
CMY	0.9942, 0.5248, 0.8699
CMYK	0.99, 0.00, 0.73, 0.52
HSL	136°, 98%, 24%
HSV	136°, 99%, 48%
XYZ	7.1543, 13.8382, 3.7455
YIQ	75.0880, -43.2720, -52.8080

Conversions

Conversions Part 2

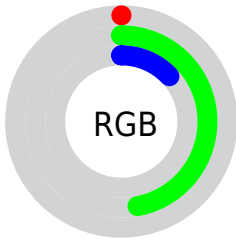
Format	Color
R_YB	1, 96, 121
Decimal	96545
CIE Lab	44.00, -47.51, 38.40
CIE LCh	44, 61.089, 141.050
Yxy	13.8382, 0.2892, 0.5594
Android (android.graphics.Color)	4278286625 (0xFF017921)
YUV	75.0880, -20.7494, -64.9752
Hunter-Lab	37.1997, -30.7702, 20.0701

Details

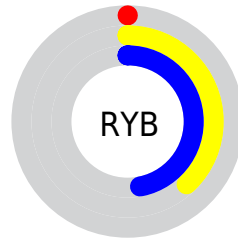
The CIELCh color **44, 61.089, 141.050** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **26, 54.655, 341.567**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 61.178, 141.124**, and **25, 47.485, 136.239** is the 20% darker color. If you saturate the color by 10%, you get **44, 61.538, 140.878**, and if you desaturate by 10%, it is **44, 57.149, 142.706**.

Distribution



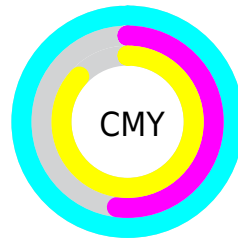
- Red (0%)
- Green (47%)
- Blue (13%)



- Red (0%)
- Yellow (38%)
- Blue (47%)



- Cyan (99%)
- Magenta (0%)
- Yellow (73%)
- Black (52%)





- Cyan (99%)
- Magenta (52%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 61.089, 141.050 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 44, 61.089, 141.050 by changing the saturation by 10% instead.


 44, 61.089,
141.050


 44, 61.089,
141.050


 100, 61.089,
141.050


 34, 61.089,
141.050

 64, 61.089,
141.050


 24, 61.089,
141.050

 74, 61.089,
141.050

 14, 61.089,
141.050

 84, 61.089,
141.050

 4, 61.089, 141.050

 94, 61.089,
141.050

 0, 61.089, 141.050

 44, 61.089,

 44, 61.089,

141.050

141.050

■ 44, 61.538,
140.878

■ 44, 57.149,
142.706

■ 44, 52.521,
144.417

■ 45, 47.165,
146.001

■ 45, 41.184,
147.429

■ 46, 34.702,
148.694

■ 47, 27.851,
149.803

■ 48, 20.761,
150.771

■ 49, 13.548,
151.617

Harmonies

Complementary

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



44, 61.089, 141.050



26, 54.655, 341.567

Rectangle

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



44, 61.089, 141.050



44, 61.089, 191.050



44, 61.089, 321.050



44, 61.089, 11.050

Sweetspot

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



44, 61.089, 141.050



61, 26.884, 150.591



47, 57.613, 116.859



31, 18.218, 150.271



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 61.089, 141.050



57, 75.532, 140.371



45, 37.556, 167.091



25, 4.080, 152.349



45, 63.003, 140.812



87, 108.697, 139.756

Inverse Universe

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



26, 54.655, 341.567



35, 66.236, 342.157



24, 50.708, 22.662



24, 4.097, 333.439



27, 56.031, 341.779



56, 93.435, 342.727

Previews

White Background



This preview shows how the CIELCh color 44, 61.089, 141.050 looks on a white 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 × Fail

Black Background



This preview shows how the CIELCh color 44, 61.089, 141.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

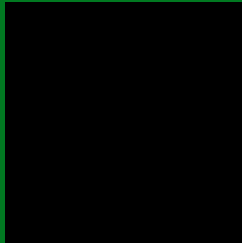
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 61.089, 141.050

Background



This preview shows how black text looks on a background with the CIELCh color 44, 61.089, 141.050.



This preview shows how white text looks on a background with the CIELCh color 44, 61.089, 141.050.

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

44, 61.089, 141.050

Protanopia

44, 41.906, 95.966

Deuteranopia

44, 36.567, 81.323



Tritanopia
44, 20.542, 212.695

Trichromacy



Original Color
44, 61.089, 141.050



Protanomaly
42, 46.515, 124.716



Deuteranomaly
42, 40.023, 120.822



Tritanomaly
44, 32.331, 167.021

Monochromacy



Original Color
44, 61.089, 141.050



Achromatopsia
32, 0.005, 296.813



Achromatomaly
35, 27.027, 149.269

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 61.089, 141.050 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(1, 121, 33)` looks like.

```
.text, #text, p{  
    color:rgb(1, 121, 33)  
}
```

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(1, 121, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 121, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 61.089, 141.050 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(1, 121, 33) }
```

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

```
.border{ border-color:rgb(1, 121, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 121, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 121, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 121, 33);  
box-shadow:4px 4px 4px 4px rgb(1, 121, 33)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 61.089, 141.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 121, 33) }
```

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

```
.background{ background-color: rgb(1, 121,  
33) }
```

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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