

Converting Colors

CIELCh(44, 65.949, 133.064)

Have a look what the booklet for
CIELCh(44, 65.949, 133.064)
contains.

CIELCh(44, 65.741, 133.081)	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(44, 65.741, 133.081)

Conversions

Conversions Part 1

Format	Color
Hex	227801
RGB	34, 120, 1
RGB Percent	13%, 47%, 0%
CMY	0.8654, 0.5285, 0.9947
CMYK	0.71, 0.00, 0.99, 0.53
HSL	103°, 98%, 24%
HSV	103°, 99%, 47%
XYZ	7.4225, 13.8382, 2.3182
YIQ	80.7200, -13.0570, -55.2410

Conversions

Conversions Part 2

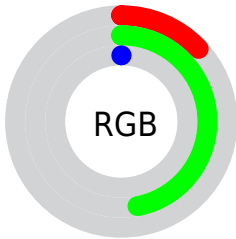
Format	Color
RYB	1, 120, 87
Decimal	2258945
CIELab	44.00, -44.90, 48.02
CIELCh	44, 65.741, 133.081
Yxy	13.8382, 0.3148, 0.5869
Android (android.graphics.Color)	4280449025 (0xFF227801)
YUV	80.7200, -39.3020, -40.9734
Hunter-Lab	37.1997, -29.4834, 22.3450

Details

The CIELCh color **44, 65.741, 133.081** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22, 67.881, 318.448**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 65.818, 133.107**, and **25, 46.996, 136.292** is the 20% darker color. If you saturate the color by 10%, you get **44, 66.116, 133.082**, and if you desaturate by 10%, it is **44, 62.326, 132.864**.

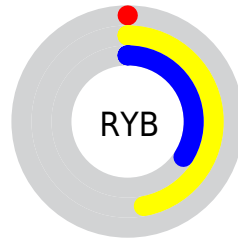
Distribution



Red (13%)

Green (47%)

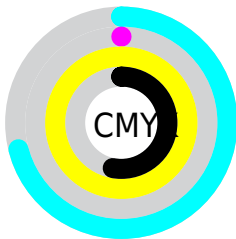
Blue (0%)



Red (0%)

Yellow (47%)

Blue (34%)

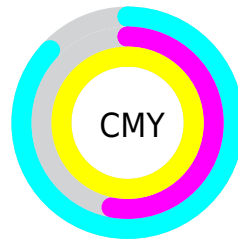


Cyan (71%)

Magenta (0%)

Yellow (99%)

Black (53%)



Cyan (87%)


Magenta (53%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 65.741, 133.081 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, 65.741, 133.081 by changing the saturation by 10% instead.


 44, 65.741,
133.081


 44, 65.741,
133.081


 100, 65.741,
133.081


 34, 65.741,
133.081

 64, 65.741,
133.081


 24, 65.741,
133.081

 74, 65.741,
133.081

 14, 65.741,
133.081

 84, 65.741,
133.081

 4, 65.741, 133.081

 94, 65.741,
133.081

 0, 65.741, 133.081

 44, 65.741,

 44, 65.741,


133.081

133.081

 44, 66.116,
133.082


 44, 62.326,
132.864


 45, 57.854,
132.809

 45, 52.163,
133.056

 46, 45.567,
133.493

 46, 38.353,
134.022

 47, 30.744,
134.578

 48, 22.909,
135.121

 49, 14.970,
135.629

Harmonies

Complementary

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



44, 65.741, 133.081



22, 67.881, 318.448

Rectangle

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



44, 65.741, 133.081



44, 65.741, 183.081



44, 65.741, 313.081



44, 65.741, 3.081

Sweetspot

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



44, 65.741, 133.082



61, 29.370, 135.023



39, 47.413, 81.473



31, 20.177, 134.838



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, 65.741, 133.082



56, 79.994, 133.386



44, 62.623, 139.755



25, 4.515, 136.089



46, 68.008, 133.133



88, 115.399, 133.775

Inverse Universe

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



22, 67.881, 318.448



29, 82.388, 318.207



26, 56.204, 338.583



24, 4.547, 316.792



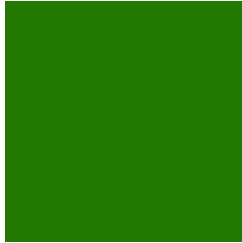
23, 70.196, 318.384



48, 118.465, 317.916

Previews

White Background



This preview shows how the CIELCh color 44, 65.741, 133.081 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 CIE LCh color 44, 65.741, 133.081 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, 65.741, 133.081

Background



This preview shows how black text looks on a background with the CIELCh color 44, 65.741, 133.081.



This preview shows how white text looks on a background with the CIELCh color 44, 65.741, 133.081.

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, 65.741, 133.081

Protanopia

44, 50.578, 95.485

Deuteranopia

44, 43.602, 82.499



Tritanopia
44, 18.258, 214.909

Trichromacy



Original Color
44, 65.741, 133.081

Protanomaly
43, 53.523, 114.679

Deuteranomaly
42, 46.935, 109.958

Tritanomaly
43, 33.738, 153.783

Monochromacy



Original Color
44, 65.741, 133.081

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 29.365, 134.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 65.741, 133.081 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(34, 120, 1)` looks like.

```
.text, #text, p{  
    color:rgb(34, 120, 1)  
}
```

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(34, 120, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 120, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 65.741, 133.081 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(34, 120, 1) }
```

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

```
.border{ border-color:rgb(34, 120, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 120, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 120, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 120, 1);  
box-shadow:4px 4px 4px 4px rgb(34, 120, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 65.741, 133.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 120, 1) }
```

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

```
.background{ background-color: rgb(34, 120,  
1) }
```

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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