

Converting Colors

CIELCh(44, 84.799, 297.324)

Have a look what the booklet for
CIELCh(44, 84.799, 297.324)
contains.

CIELCh(44, 84.988, 297.341)	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, 84.988, 297.341)

Conversions

Conversions Part 1

Format	Color
Hex	3E58E8
RGB	62, 88, 232
RGB Percent	24%, 35%, 91%
CMY	0.7566, 0.6548, 0.0901
CMYK	0.73, 0.62, 0.00, 0.09
HSL	231°, 79%, 58%
HSV	231°, 73%, 91%
XYZ	20.0524, 13.8382, 77.9845
YIQ	96.6420, -61.7200, 39.2720

Conversions

Conversions Part 2

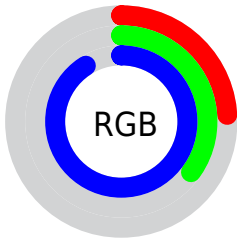
Format	Color
R _Y B	62, 85, 232
Decimal	4085992
CIE Lab	44.00, 39.03, -75.49
CIE LCh	44, 84.988, 297.341
Yxy	13.8382, 0.1792, 0.1237
Android (android.graphics.Color)	4282276072 (0xFF3E58E8)
YUV	96.6420, 66.7315, -30.3810
Hunter-Lab	37.1997, 31.1201, -98.2541

Details

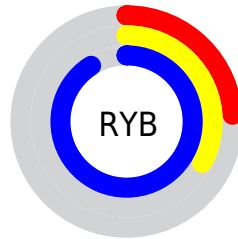
The CIELCh color **44, 84.988, 297.341** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **83, 70.744, 94.737**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **62, 65.451, 295.429**, and **26, 83.311, 300.660** is the 20% darker color. If you saturate the color by 10%, you get **39, 97.575, 300.143**, and if you desaturate by 10%, it is **50, 72.196, 294.579**.

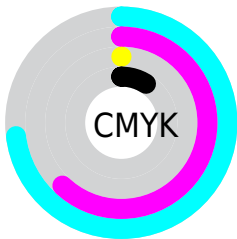
Distribution



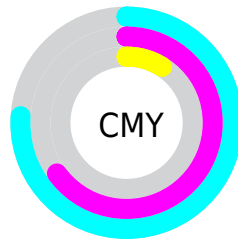
- Red (24%)
- Green (35%)
- Blue (91%)



- Red (24%)
- Yellow (33%)
- Blue (91%)



- Cyan (73%)
- Magenta (62%)
- Yellow (0%)
- Black (9%)





- Cyan (76%)
- Magenta (65%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 84.988, 297.341 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, 84.988, 297.341 by changing the saturation by 10% instead.


 44, 84.988,
297.341


 44, 84.988,
297.341


 100, 84.988,
297.341

 34, 84.988,
297.341

 64, 84.988,
297.341

 24, 84.988,
297.341

 74, 84.988,
297.341

 14, 84.988,
297.341


 84, 84.988,
297.341

 4, 84.988, 297.341

 94, 84.988,
297.341

 0, 84.988, 297.341

 44, 84.988,

 44, 84.988,

297.341

297.341

■ 39, 97.575,
300.143

■ 50, 72.196,
294.579

■ 34, 108.980,
302.708

■ 56, 59.668,
292.026

■ 32, 115.334,
304.116

■ 63, 47.567,
289.763

■ 70, 35.914,
287.801

■ 76, 24.682,
286.122

■ 83, 13.839,
284.692

■ 90, 3.351, 283.501

■ 96, 6.808, 102.387

99, 11.623,
109.299

Harmonies

Complementary

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



44, 84.988, 297.341



83, 70.744, 94.737

Rectangle

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



44, 84.988, 297.341



44, 84.988, 347.341



44, 84.988, 117.341



44, 84.988, 167.341

Sweetspot

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



44, 84.988, 297.342



84, 25.160, 285.947



83, 48.899, 178.242



43, 16.984, 286.371



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 84.988, 297.342



40, 111.413, 301.526



43, 98.142, 308.408



45, 5.843, 284.208



24, 93.620, 303.758



4, 30.130, 293.575

Inverse Universe

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



53, 70.321, 20.974



55, 88.538, 27.832



86, 82.828, 119.867



45, 4.906, 7.704



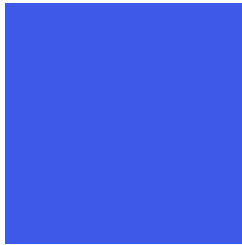
37, 73.268, 32.632



7, 26.723, 15.404

Previews

White Background



This preview shows how the CIELCh color 44, 84.988, 297.341 looks on a white background.

Color Contrast Check

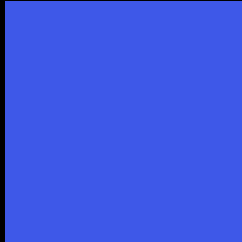
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.988, 297.341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

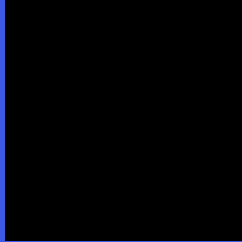
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 84.988, 297.341

Background



This preview shows how black text looks on a background with the CIELCh color 44, 84.988, 297.341.



This preview shows how white text looks on a background with the CIELCh color 44, 84.988, 297.341.

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, 84.988, 297.341

Protanopia

44, 67.152, 287.361

Deuteranopia

44, 46.840, 274.205



Tritanopia
44, 27.004, 205.648

Trichromacy



Original Color
44, 84.988, 297.341

Protanomaly
43, 73.952, 291.091

Deuteranomaly
43, 60.893, 285.788

Tritanomaly
43, 37.381, 266.504

Monochromacy



Original Color
44, 84.988, 297.341

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 31.568, 288.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 84.988, 297.341 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(62, 88, 232)` looks like.

```
.text, #text, p{  
    color:rgb(62, 88, 232)  
}
```

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(62, 88, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 88, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 84.988, 297.341 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(62, 88, 232) }
```

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

```
.border{ border-color:rgb(62, 88, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 88, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 88, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 88, 232);  
box-shadow:4px 4px 4px 4px rgb(62, 88,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 84.988, 297.341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 88, 232) }
```

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

```
.background{ background-color: rgb(62, 88,  
232) }
```

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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