

Converting Colors

CIELCh(43, 104.786, 300.518)

Have a look what the booklet for
CIELCh(43, 104.786, 300.518)
contains.

CIELCh(43, 104.653, 300.535)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(43, 104.653, 300.535)

Conversions

Conversions Part 1

Format	Color
Hex	344CFF
RGB	52, 76, 255
RGB Percent	20%, 30%, 100%
CMY	0.7947, 0.7014, 0.0000
CMYK	0.79, 0.70, 0.00, 0.00
HSL	233°, 100%, 60%
HSV	233°, 79%, 100%
XYZ	22.1046, 13.1578, 96.1278
YIQ	89.2300, -71.7630, 50.5810

Conversions

Conversions Part 2

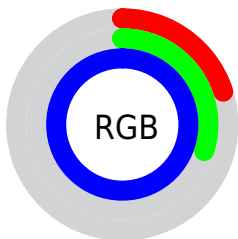
Format	Color
R_{YB}	52, 73, 255
Decimal	3427583
CIE _{Lab}	43.00, 53.17, -90.14
CIE _{LCh}	43, 104.653, 300.535
Yxy	13.1578, 0.1682, 0.1001
Android (android.graphics.Color)	4281617663 (0xFF344CFF)
YUV	89.2300, 81.7246, -32.6507
Hunter-Lab	36.2736, 45.2963, -131.7313

Details

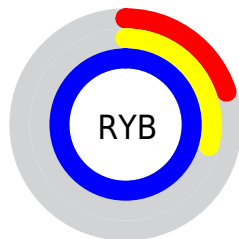
The CIELCh color **43, 104.653, 300.535** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **91, 82.441, 96.390**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **59, 72.782, 298.851**, and **27, 100.858, 303.789** is the 20% darker color. If you saturate the color by 10%, you get **38, 117.365, 302.985**, and if you desaturate by 10%, it is **49, 90.434, 297.856**.

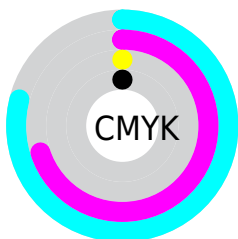
Distribution



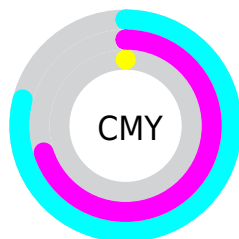
- Red (20%)
- Green (30%)
- Blue (100%)



- Red (20%)
- Yellow (29%)
- Blue (100%)



- Cyan (79%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)





- Cyan (79%)
- Magenta (70%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 104.653, 300.535 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 43, 104.653, 300.535 by changing the saturation by 10% instead.


 43, 104.653,
300.535


 43, 104.653,
300.535


 100, 104.653,
300.535


 33, 104.653,
300.535


 63, 104.653,
300.535


 23, 104.653,
300.535


 73, 104.653,
300.535


 13, 104.653,
300.535

 83, 104.653,
300.535

 3, 104.653,
300.535

 93, 104.653,
300.535

 0, 104.653,
300.535

 43, 104.653,

 43, 104.653,

300.535

300.535

■ 38, 117.365,
302.985

■ 49, 90.434,
297.856

■ 34, 127.159,
304.883

■ 56, 76.099,
295.239

■ 34, 127.566,
304.957

■ 63, 62.087,
292.841

■ 70, 48.574,
290.727

■ 78, 35.583,
288.905

■ 85, 23.083,
287.350

■ 93, 11.038,
286.031

■ 100, 0.012,
296.813

Harmonies

Complementary

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



43, 104.653, 300.535



91, 82.441, 96.390

Rectangle

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



43, 104.653, 300.535



43, 104.653, 350.535



43, 104.653, 120.535



43, 104.653, 170.535

Sweetspot

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



43, 104.566, 300.528



82, 28.682, 288.023



91, 53.170, 180.728



41, 19.834, 288.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 104.566, 300.528



36, 123.251, 304.130



45, 113.128, 309.437



49, 6.624, 286.035



25, 101.695, 304.665



5, 40.393, 299.599

Inverse Universe

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



56, 82.940, 26.393



54, 95.800, 33.691



92, 95.021, 121.437



50, 5.306, 10.496



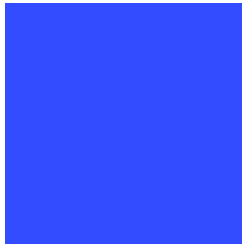
40, 79.129, 35.029



10, 32.485, 22.390

Previews

White Background



This preview shows how the CIELCh color 43, 104.653, 300.535 looks on a white background.

Color Contrast Check

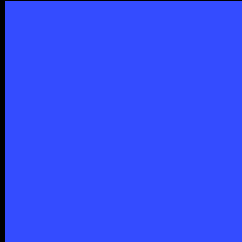
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 104.653, 300.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

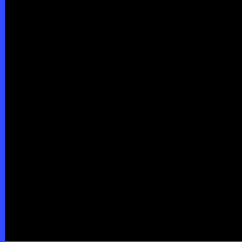
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 104.653, 300.535

Background



This preview shows how black text looks on a background with the CIELCh color 43, 104.653, 300.535.

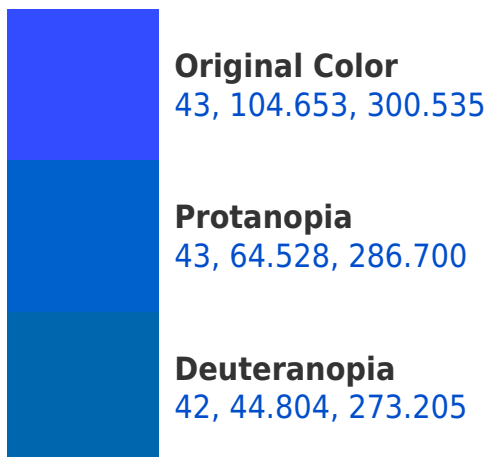


This preview shows how white text looks on a background with the CIELCh color 43, 104.653, 300.535.

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
43, 26.567, 204.487

Trichromacy



Original Color
43, 104.653, 300.535

Protanomaly
42, 80.029, 293.458

Deuteranomaly
42, 66.360, 288.866

Tritanomaly
41, 43.495, 274.693

Monochromacy



Original Color
43, 104.653, 300.535

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 39.911, 292.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 104.653, 300.535 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(52, 76, 255)` looks like.

```
.text, #text, p{  
    color:rgb(52, 76, 255)  
}
```

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(52, 76, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 76, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 104.653, 300.535 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(52, 76, 255) }
```

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

```
.border{ border-color:rgb(52, 76, 255) }
```

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

Here you see how a box with a 4 pixel rgb(52, 76, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 76, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 76, 255);  
box-shadow:4px 4px 4px 4px rgb(52, 76,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 104.653, 300.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 76, 255) }
```

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

```
.background{ background-color: rgb(52, 76,  
255) }
```

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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