

Converting Colors

CIELCh(44, 15.128, 265.491)

Have a look what the booklet for
CIELCh(44, 15.128, 265.491)
contains.

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Color

CIELCh(44, 15.107, 265.445)

Conversions

Conversions Part 1

Format	Color
Hex	576A81
RGB	87, 106, 129
RGB Percent	34%, 42%, 51%
CMY	0.6599, 0.5854, 0.4953
CMYK	0.33, 0.18, 0.00, 0.50
HSL	213°, 19%, 42%
HSV	213°, 33%, 50%
XYZ	12.9706, 13.8382, 22.6521
YIQ	102.9410, -18.7070, 3.1250

Conversions

Conversions Part 2

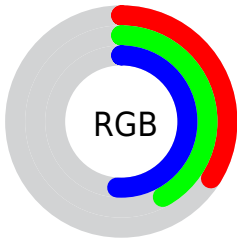
Format	Color
R_{YB}	87, 100, 129
Decimal	5728897
CIE _{Lab}	44.00, -1.20, -15.06
CIE _{LCh}	44, 15.107, 265.445
Yxy	13.8382, 0.2622, 0.2798
Android (android.graphics.Color)	4283918977 (0xFF576A81)
YUV	102.9410, 12.8471, -13.9803
Hunter-Lab	37.1997, -2.8611, -10.0637

Details

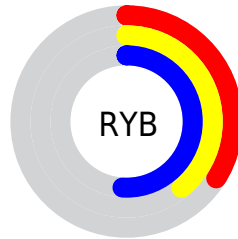
The CIELCh color **44, 15.107, 265.445** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 16.067, 76.321**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 15.211, 266.053**, and **24, 15.281, 265.299** is the 20% darker color. If you saturate the color by 10%, you get **41, 19.691, 267.592**, and if you desaturate by 10%, it is **47, 10.495, 263.617**.

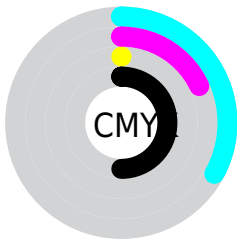
Distribution



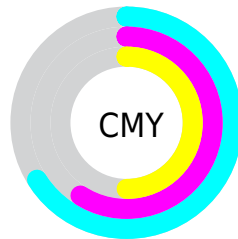
- Red (34%)
- Green (42%)
- Blue (51%)



- Red (34%)
- Yellow (39%)
- Blue (51%)



- Cyan (33%)
- Magenta (18%)
- Yellow (0%)
- Black (50%)





- Cyan (66%)
- Magenta (59%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 15.107, 265.445 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, 15.107, 265.445 by changing the saturation by 10% instead.


 44, 15.107,
265.445


 44, 15.107,
265.445


 100, 15.107,
265.445


 34, 15.107,
265.445

 64, 15.107,
265.445


 24, 15.107,
265.445

 74, 15.107,
265.445

 14, 15.107,
265.445

 84, 15.107,
265.445

 4, 15.107, 265.445

 94, 15.107,
265.445

 0, 15.107, 265.445

 44, 15.107,

 44, 15.107,

265.445

265.445

■ 41, 19.691,
267.592

■ 47, 10.495,
263.617

■ 38, 24.250,
270.110

■ 50, 5.864, 262.073

■ 35, 28.794,
273.037

■ 53, 1.223, 260.891

■ 56, 3.415, 79.477

■ 33, 33.349,
276.385

■ 59, 8.040, 78.523

■ 30, 37.959,
280.125

■ 62, 12.644, 77.669

■ 65, 17.217, 76.915

■ 27, 42.670,
284.157

■ 68, 21.753, 76.248

■ 26, 46.260,
286.979

■ 71, 26.247, 75.654

Harmonies

Complementary

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



44, 15.107, 265.445



48, 16.067, 76.321

Rectangle

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



44, 15.107, 265.445



44, 15.107, 315.445



44, 15.107, 85.445



44, 15.107, 135.445

Sweetspot

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



44, 15.106, 265.443



65, 5.785, 261.744



50, 20.011, 162.494



33, 3.928, 261.903



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 15.106, 265.443



54, 22.450, 266.977



39, 25.812, 295.158



25, 2.599, 261.593



25, 45.904, 286.936



0, 0.000, 0.000

Inverse Universe

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



42, 20.777, 349.399



51, 30.964, 350.298



53, 23.905, 108.625



25, 3.483, 346.997



26, 50.526, 4.938



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 15.107, 265.445 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, 15.107, 265.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

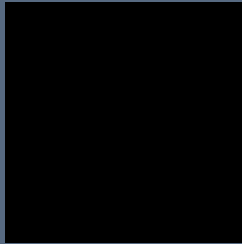
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

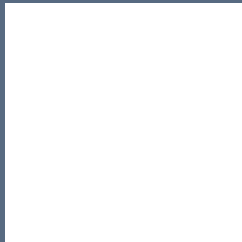
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 15.107, 265.445

Background



This preview shows how black text looks on a background with the CIELCh color 44, 15.107, 265.445.



This preview shows how white text looks on a background with the CIELCh color 44, 15.107, 265.445.

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, 15.107, 265.445

Protanopia

44, 14.461, 284.854

Deuteranopia

44, 16.792, 291.280



Tritanopia
44, 10.024, 227.247

Trichromacy



Original Color
44, 15.107, 265.445

Protanomaly
44, 14.726, 277.851

Deuteranomaly
44, 16.314, 283.483

Tritanomaly
44, 11.422, 246.324

Monochromacy



Original Color
44, 15.107, 265.445

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.477, 260.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 15.107, 265.445 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(87, 106, 129)` looks like.

```
.text, #text, p{  
    color:rgb(87, 106, 129)  
}
```

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(87, 106, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 106, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 15.107, 265.445 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(87, 106, 129) }
```

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

```
.border{ border-color:rgb(87, 106, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 106, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 106, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 106, 129);  
box-shadow:4px 4px 4px 4px rgb(87, 106,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 15.107, 265.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 106, 129) }
```

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

```
.background{ background-color: rgb(87, 106,  
129) }
```

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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