

Converting Colors

CIELCh(43, 13.106, 260.057)

Have a look what the booklet for
CIELCh(43, 13.106, 260.057)
contains.

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Color

CIELCh(43, 13.117, 260.044)

Conversions

Conversions Part 1

Format	Color
Hex	55687B
RGB	85, 104, 123
RGB Percent	33%, 41%, 48%
CMY	0.6681, 0.5936, 0.5192
CMYK	0.31, 0.15, 0.00, 0.52
HSL	210°, 18%, 41%
HSV	210°, 31%, 48%
XYZ	12.1745, 13.1578, 20.5078
YIQ	100.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

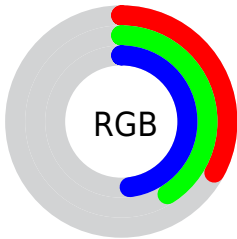
Format	Color
R_{YB}	85, 98, 123
Decimal	5597307
CIE Lab	43.00, -2.27, -12.92
CIE LCh	43, 13.117, 260.044
Yxy	13.1578, 0.2656, 0.2870
Android (android.graphics.Color)	4283787387 (0xFF55687B)
YUV	100.4850, 11.0999, -13.5803
Hunter-Lab	36.2736, -3.5692, -8.1289

Details

The CIELCh color **43, 13.117, 260.044** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 14.236, 71.719**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 12.839, 260.039**, and **23, 13.015, 260.010** is the 20% darker color. If you saturate the color by 10%, you get **40, 17.225, 262.111**, and if you desaturate by 10%, it is **46, 8.938, 258.295**.

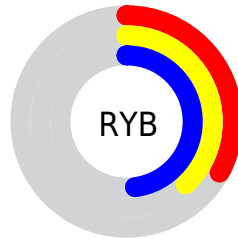
Distribution



Red (33%)

Green (41%)

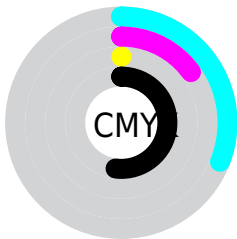
Blue (48%)



Red (33%)

Yellow (38%)

Blue (48%)

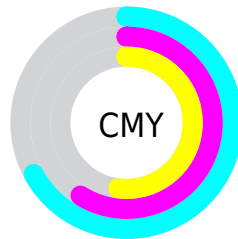


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (52%)



Cyan (67%)


Magenta (59%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.117, 260.044 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, 13.117, 260.044 by changing the saturation by 10% instead.


 43, 13.117,
260.044


 43, 13.117,
260.044


 100, 13.117,
260.044


 33, 13.117,
260.044


 63, 13.117,
260.044


 23, 13.117,
260.044


 73, 13.117,
260.044

 13, 13.117,
260.044


 83, 13.117,
260.044

 3, 13.117, 260.044

 93, 13.117,
260.044

 0, 13.117, 260.044

 43, 13.117,

 43, 13.117,

260.044

■ 40, 17.225,
262.111

■ 38, 21.254,
264.557

■ 35, 25.208,
267.427

■ 33, 29.105,
270.750

■ 30, 32.983,
274.518

■ 28, 36.898,
278.661

■ 26, 40.553,
282.304

260.044

■ 46, 8.938, 258.295

■ 48, 4.702, 256.833

■ 51, 0.426, 256.116

■ 54, 3.876, 74.364

■ 57, 8.190, 73.466

■ 60, 12.503, 72.669

■ 62, 16.805, 71.969

■ 65, 21.087, 71.351

■ 68, 25.344, 70.803

Harmonies

Complementary

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



43, 13.117, 260.044



45, 14.236, 71.719

Rectangle

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



43, 13.117, 260.044



43, 13.117, 310.044



43, 13.117, 80.044



43, 13.117, 130.044

Sweetspot

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



43, 13.116, 260.041



63, 4.812, 256.606



48, 19.025, 160.047



33, 3.368, 256.765



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 13.116, 260.041



54, 19.445, 261.441



38, 23.044, 293.186



24, 2.411, 256.587



27, 41.186, 282.402



54, 73.042, 284.988

Inverse Universe

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



41, 19.478, 346.393



50, 29.040, 347.161



50, 21.496, 106.603



24, 3.473, 344.314



26, 50.115, 0.441



54, 83.990, 2.903

Previews

White Background



This preview shows how the CIE LCh color 43, 13.117, 260.044 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 43, 13.117, 260.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

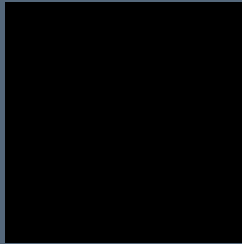
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

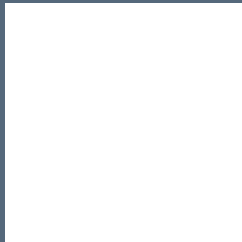
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 13.117, 260.044

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.117, 260.044.

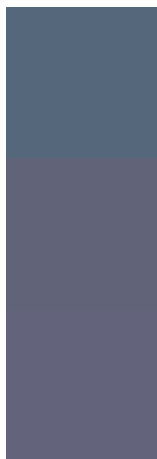


This preview shows how white text looks on a background with the CIELCh color 43, 13.117, 260.044.

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

43, 13.117, 260.044

Protanopia

43, 12.082, 286.514

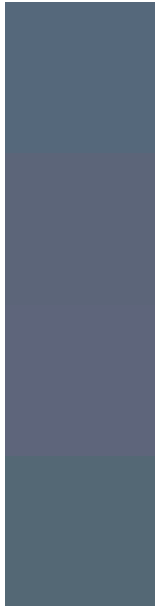
Deuteranopia

43, 15.088, 293.766



Tritanopia
43, 9.717, 232.673

Trichromacy



Original Color
43, 13.117, 260.044

Protanomaly
43, 12.412, 276.218

Deuteranomaly
43, 13.426, 280.899

Tritanomaly
43, 10.595, 246.713

Monochromacy



Original Color
43, 13.117, 260.044

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.998, 257.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.117, 260.044 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(85, 104, 123)` looks like.

```
.text, #text, p{  
    color:rgb(85, 104, 123)  
}
```

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(85, 104, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 104, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.117, 260.044 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(85, 104, 123) }
```

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

```
.border{ border-color:rgb(85, 104, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 104, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 104, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 104, 123);  
box-shadow:4px 4px 4px 4px rgb(85, 104,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.117, 260.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 104, 123) }
```

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

```
.background{ background-color: rgb(85, 104,  
123) }
```

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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