

Converting Colors

CIELCh(43, 13.105, 258.641)

Have a look what the booklet for
CIELCh(43, 13.105, 258.641)
contains.

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Color

CIELCh(43, 12.807, 257.095)

Conversions

Conversions Part 1

Format	Color
Hex	54687A
RGB	84, 104, 122
RGB Percent	33%, 41%, 48%
CMY	0.6711, 0.5926, 0.5221
CMYK	0.31, 0.15, 0.00, 0.52
HSL	208°, 18%, 40%
HSV	208°, 31%, 48%
XYZ	12.0888, 13.1578, 20.2748
YIQ	100.0720, -17.6980, 1.3580

Conversions

Conversions Part 2

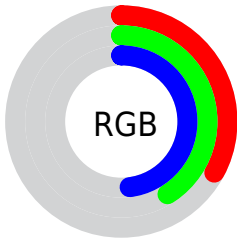
Format	Color
RYB	84, 97, 122
Decimal	5531770
CIELab	43.00, -2.86, -12.48
CIElCh	43, 12.807, 257.095
Yxy	13.1578, 0.2656, 0.2890
Android (android.graphics.Color)	4283721850 (0xFF54687A)
YUV	100.0720, 10.8105, -14.0951
Hunter-Lab	36.2736, -3.9906, -7.7480

Details

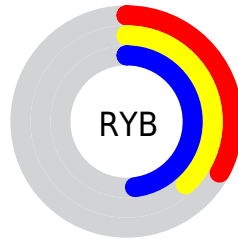
The CIELCh color **43, 12.807, 257.095** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **45, 14.099, 68.935**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 12.553, 257.229**, and **23, 12.661, 256.763** is the 20% darker color. If you saturate the color by 10%, you get **40, 16.741, 259.146**, and if you desaturate by 10%, it is **46, 8.776, 255.368**.

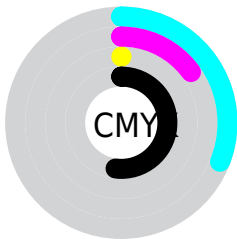
Distribution



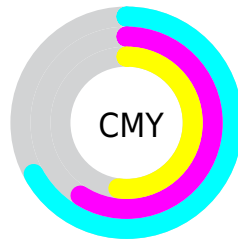
- Red (33%)
- Green (41%)
- Blue (48%)



- 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, 12.807, 257.095 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, 12.807, 257.095 by changing the saturation by 10% instead.


 43, 12.807,
257.095


 43, 12.807,
257.095


 100, 12.807,
257.095


 33, 12.807,
257.095

 63, 12.807,
257.095


 23, 12.807,
257.095

 73, 12.807,
257.095

 13, 12.807,
257.095


 83, 12.807,
257.095

 3, 12.807, 257.095

 93, 12.807,
257.095

 0, 12.807, 257.095

 43, 12.807,

 43, 12.807,

257.095

■ 40, 16.741,
259.146

■ 38, 20.569,
261.585

■ 36, 24.288,
264.461

■ 33, 27.915,
267.811

■ 31, 31.487,
271.633

■ 29, 35.064,
275.863

■ 27, 38.329,
279.512

257.095

■ 46, 8.776, 255.368

■ 48, 4.667, 253.933

■ 51, 0.498, 253.181

■ 54, 3.713, 71.511

■ 56, 7.949, 70.646

■ 59, 12.196, 69.879

■ 62, 16.442, 69.207

■ 64, 20.678, 68.617

■ 67, 24.896, 68.095

Harmonies

Complementary

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



43, 12.807, 257.095



45, 14.099, 68.935

Rectangle

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



43, 12.807, 257.095



43, 12.807, 307.095



43, 12.807, 77.095



43, 12.807, 127.095

Sweetspot

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



43, 12.806, 257.092



62, 4.657, 253.687



48, 19.301, 159.192



32, 3.215, 253.837



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 12.806, 257.092



53, 18.680, 258.433



37, 22.668, 292.561



24, 2.364, 253.669



28, 39.114, 279.644



56, 69.225, 282.322

Inverse Universe

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



40, 19.820, 344.941



49, 29.107, 345.654



50, 21.189, 105.849



24, 3.535, 342.913



26, 50.433, 358.083



55, 84.375, 0.370

Previews

White Background



This preview shows how the CIELCh color 43, 12.807, 257.095 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, 12.807, 257.095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

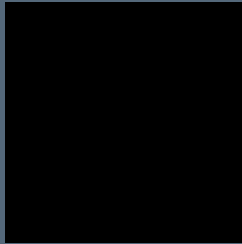
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

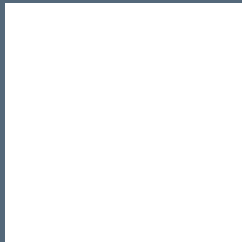
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.807, 257.095

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.807, 257.095.



This preview shows how white text looks on a background with the CIELCh color 43, 12.807, 257.095.

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, 12.807, 257.095

Protanopia

43, 12.060, 288.301

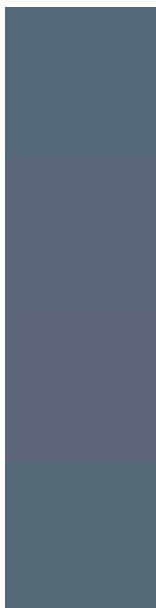
Deuteranopia

43, 14.488, 293.749



Tritanopia
43, 10.007, 231.534

Trichromacy



Original Color
43, 12.807, 257.095

Protanomaly
43, 12.329, 277.864

Deuteranomaly
43, 13.426, 280.899

Tritanomaly
43, 10.688, 241.429

Monochromacy



Original Color
43, 12.807, 257.095

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, 12.807, 257.095 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(84, 104, 122)` looks like.

```
.text, #text, p{  
    color:rgb(84, 104, 122)  
}
```

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(84, 104, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 104, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.807, 257.095 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(84, 104, 122) }
```

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

```
.border{ border-color:rgb(84, 104, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 104, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 104, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 104, 122);  
box-shadow:4px 4px 4px 4px rgb(84, 104,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.807, 257.095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 104, 122) }
```

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

```
.background{ background-color: rgb(84, 104,  
122) }
```

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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