

Converting Colors

CIELCh(44, 17.826, 282.207)

Have a look what the booklet for
CIELCh(44, 17.826, 282.207)
contains.

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Color

CIELCh(44, 18.171, 282.525)

Conversions

Conversions Part 1

Format	Color
Hex	5E6785
RGB	94, 103, 133
RGB Percent	37%, 40%, 52%
CMY	0.6305, 0.5952, 0.4775
CMYK	0.29, 0.23, 0.00, 0.48
HSL	226°, 17%, 45%
HSV	226°, 29%, 52%
XYZ	13.7632, 13.8382, 24.2235
YIQ	103.7290, -14.9940, 7.4220

Conversions

Conversions Part 2

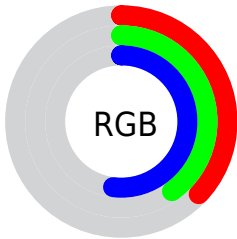
Format	Color
R_{YB}	94, 101, 133
Decimal	6186885
CIE _{Lab}	44.00, 3.94, -17.74
CIE _{LCh}	44, 18.171, 282.525
Yxy	13.8382, 0.2656, 0.2670
Android (android.graphics.Color)	4284376965 (0xFF5E6785)
YUV	103.7290, 14.4306, -8.5323
Hunter-Lab	37.1997, 0.9423, -12.5682

Details

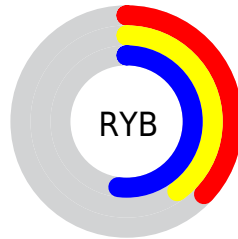
The CIELCh color `44, 18.171, 282.525` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `52, 17.723, 95.117`, and the grayscale version is `44, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 18.042, 282.141`, and `24, 18.130, 282.455` is the 20% darker color. If you saturate the color by 10%, you get `40, 24.715, 284.352`, and if you desaturate by 10%, it is `48, 11.808, 280.953`.

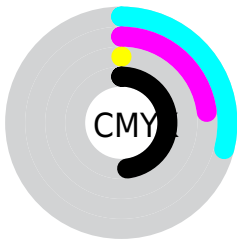
Distribution



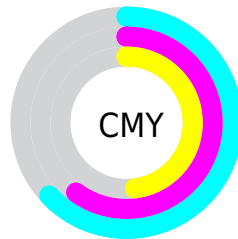
- Red (37%)
- Green (40%)
- Blue (52%)



- Red (37%)
- Yellow (40%)
- Blue (52%)



- Cyan (29%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)




- Cyan (63%)
- Magenta (60%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 18.171, 282.525 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, 18.171, 282.525 by changing the saturation by 10% instead.


 44, 18.171,
282.525


 44, 18.171,
282.525


 100, 18.171,
282.525

 34, 18.171,
282.525

 64, 18.171,
282.525


 24, 18.171,
282.525

 74, 18.171,
282.525

 14, 18.171,
282.525


 84, 18.171,
282.525

 4, 18.171, 282.525

 94, 18.171,
282.525

 0, 18.171, 282.525

 44, 18.171,

 44, 18.171,

282.525

282.525

40, 24.715,
284.352

48, 11.808,
280.953

36, 31.462,
286.468

52, 5.613, 279.610

32, 38.429,
288.891

56, 0.425, 98.113

60, 6.315, 97.384

28, 45.622,
291.609

64, 12.063, 96.510

25, 52.998,
294.556

68, 17.676, 95.740

72, 23.157, 95.059

22, 60.400,
297.593

75, 28.512, 94.455

19, 67.520,
300.386

79, 33.744, 93.916

19, 68.016,
300.561

Harmonies

Complementary

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



44, 18.171, 282.525



52, 17.723, 95.117

Rectangle

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



44, 18.171, 282.525



44, 18.171, 332.525



44, 18.171, 102.525



44, 18.171, 152.525

Sweetspot

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



44, 18.170, 282.524



66, 6.753, 279.601



53, 15.657, 178.059



34, 4.679, 279.758



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 18.170, 282.524



54, 27.179, 283.683



42, 23.967, 302.570



26, 3.398, 279.591



18, 66.683, 300.489



0, 0.806, 278.500

Inverse Universe

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



44, 17.380, 4.050



54, 26.057, 4.987



54, 22.603, 118.815



26, 3.192, 1.701



26, 54.563, 25.233



0, 0.749, 0.937

Previews

White Background



This preview shows how the CIE LCh color 44, 18.171, 282.525 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, 18.171, 282.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

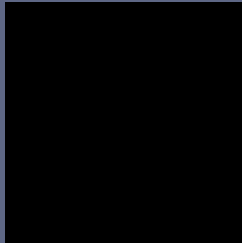
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

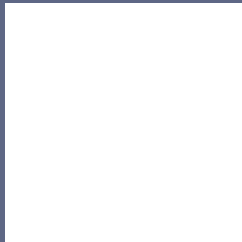
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 18.171, 282.525

Background



This preview shows how black text looks on a background with the CIELCh color 44, 18.171, 282.525.

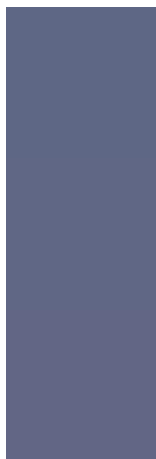


This preview shows how white text looks on a background with the CIELCh color 44, 18.171, 282.525.

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

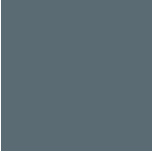
44, 18.171, 282.525

Protanopia

44, 18.080, 284.712

Deuteranopia

44, 18.614, 288.345



Tritanopia
44, 7.948, 236.058

Trichromacy



Original Color
44, 18.171, 282.525

Protanomaly
44, 18.123, 283.613

Deuteranomaly
44, 18.637, 287.258

Tritanomaly
44, 10.756, 262.480

Monochromacy



Original Color
44, 18.171, 282.525

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 6.743, 277.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 18.171, 282.525 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(94, 103, 133)` looks like.

```
.text, #text, p{  
    color:rgb(94, 103, 133)  
}
```

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(94, 103, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 103, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 18.171, 282.525 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(94, 103, 133) }
```

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

```
.border{ border-color:rgb(94, 103, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 103, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 103, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 103, 133);  
box-shadow:4px 4px 4px 4px rgb(94, 103,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 18.171, 282.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 103, 133) }
```

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

```
.background{ background-color: rgb(94, 103,  
133) }
```

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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