

Converting Colors

CIELCh(44, 25.358, 284.562)

Have a look what the booklet for
CIELCh(44, 25.358, 284.562)
contains.

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Color

CIELCh(44, 25.317, 284.517)

Conversions

Conversions Part 1

Format	Color
Hex	5B6791
RGB	91, 103, 145
RGB Percent	36%, 40%, 57%
CMY	0.6450, 0.5979, 0.4333
CMYK	0.37, 0.29, 0.00, 0.43
HSL	227°, 23%, 46%
HSV	227°, 37%, 57%
XYZ	14.1450, 13.8382, 28.5143
YIQ	104.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

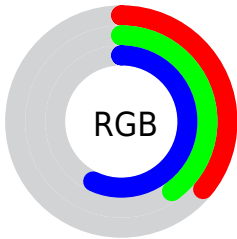
Format	Color
R_{YB}	91, 101, 145
Decimal	5990289
CIE _{Lab}	44.00, 6.35, -24.51
CIE _{LCh}	44, 25.317, 284.517
Yxy	13.8382, 0.2504, 0.2449
Android (android.graphics.Color)	4284180369 (0xFF5B6791)
YUV	104.2000, 20.1144, -11.5764
Hunter-Lab	37.1997, 2.7741, -19.4070

Details

The CIELCh color **44, 25.317, 284.517** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **55, 24.388, 94.654**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 25.238, 284.506**, and **24, 25.327, 285.046** is the 20% darker color. If you saturate the color by 10%, you get **40, 32.576, 286.589**, and if you desaturate by 10%, it is **48, 18.278, 282.731**.

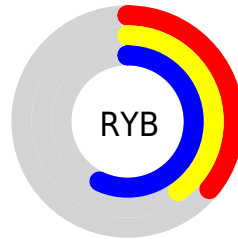
Distribution



Red (36%)

Green (40%)

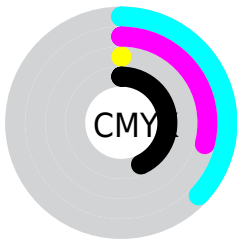
Blue (57%)



Red (36%)

Yellow (40%)

Blue (57%)

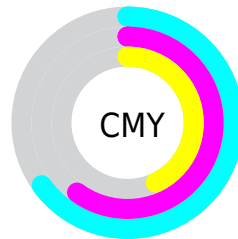


Cyan (37%)

Magenta (29%)

Yellow (0%)

Black (43%)



Cyan (65%)


Magenta (60%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 25.317, 284.517 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, 25.317, 284.517 by changing the saturation by 10% instead.


 44, 25.317,
284.517


 44, 25.317,
284.517


 100, 25.317,
284.517


 34, 25.317,
284.517

 64, 25.317,
284.517


 24, 25.317,
284.517


 74, 25.317,
284.517

 14, 25.317,
284.517

 84, 25.317,
284.517

 4, 25.317, 284.517

 94, 25.317,
284.517

 0, 25.317, 284.517

 44, 25.317,

 44, 25.317,

284.517

284.517

■ 40, 32.576,
286.589

■ 48, 18.278,
282.731

■ 36, 40.077,
288.968

■ 53, 11.441,
281.199

■ 32, 47.828,
291.647

■ 57, 4.789, 279.895

■ 28, 55.784,
294.565

■ 61, 1.691, 98.649

■ 65, 8.007, 97.724

■ 24, 63.782,
297.587

■ 70, 14.168, 96.872

■ 21, 71.464,
300.450

■ 74, 20.179, 96.121

■ 78, 26.047, 95.458

■ 20, 73.394,
301.101

■ 82, 31.775, 94.870

Harmonies

Complementary

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



44, 25.317, 284.517



55, 24.388, 94.654

Rectangle

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



44, 25.317, 284.517



44, 25.317, 334.517



44, 25.317, 104.517



44, 25.317, 154.517

Sweetspot

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



44, 25.316, 284.517



71, 8.945, 280.374



56, 20.948, 177.184



36, 6.000, 280.527



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 25.316, 284.517



53, 38.401, 286.280



42, 33.141, 303.290



28, 3.648, 280.114



19, 69.505, 300.919



0, 2.438, 279.016

Inverse Universe

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



45, 23.991, 5.879



54, 36.318, 7.380



58, 30.646, 118.327



28, 3.386, 2.315



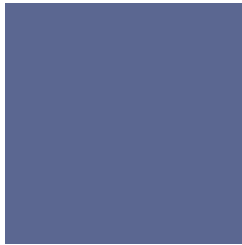
27, 56.459, 26.122



0, 2.238, 1.542

Previews

White Background



This preview shows how the CIELCh color 44, 25.317, 284.517 looks on a white background.

Color Contrast Check

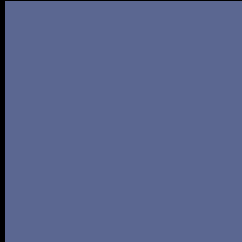
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.317, 284.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

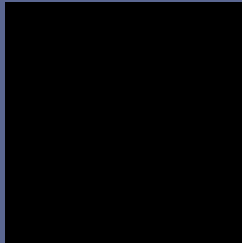
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

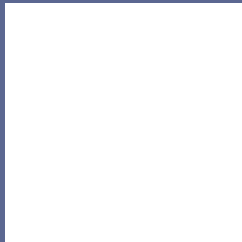
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 25.317, 284.517

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.317, 284.517.



This preview shows how white text looks on a background with the CIELCh color 44, 25.317, 284.517.

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, 25.317, 284.517

Protanopia

44, 25.319, 285.283

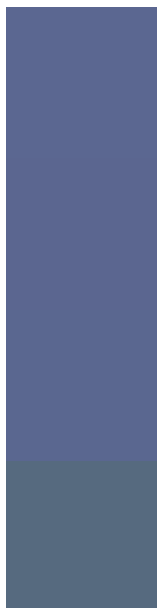
Deuteranopia

44, 24.778, 283.445



Tritanopia
44, 10.270, 230.395

Trichromacy



Original Color
44, 25.317, 284.517

Protanomaly
44, 25.319, 285.283

Deuteranomaly
44, 24.778, 283.445

Tritanomaly
44, 14.234, 261.671

Monochromacy



Original Color
44, 25.317, 284.517

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.687, 282.431

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.317, 284.517 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(91, 103, 145)` looks like.

```
.text, #text, p{  
    color:rgb(91, 103, 145)  
}
```

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(91, 103, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 103, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.317, 284.517 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(91, 103, 145) }
```

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

```
.border{ border-color:rgb(91, 103, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 103, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 103, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 103, 145);  
box-shadow:4px 4px 4px 4px rgb(91, 103,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.317, 284.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 103, 145) }
```

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

```
.background{ background-color: rgb(91, 103,  
145) }
```

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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