

Converting Colors

CIELCh(44, 25.622, 265.921)

Have a look what the booklet for
CIELCh(44, 25.622, 265.921)
contains.

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Color

CIELCh(44, 25.527, 266.010)

Conversions

Conversions Part 1

Format	Color
Hex	456B92
RGB	69, 107, 146
RGB Percent	27%, 42%, 57%
CMY	0.7297, 0.5806, 0.4277
CMYK	0.53, 0.27, 0.00, 0.43
HSL	210°, 36%, 42%
HSV	210°, 53%, 57%
XYZ	12.8837, 13.8382, 29.1584
YIQ	100.0840, -35.1670, 4.0730

Conversions

Conversions Part 2

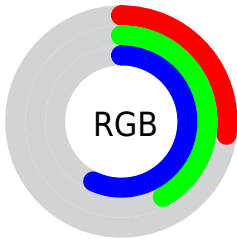
Format	Color
RYB	69, 94, 146
Decimal	4549522
CIELab	44.00, -1.78, -25.47
CIELCh	44, 25.527, 266.010
Yxy	13.8382, 0.2306, 0.2476
Android (android.graphics.Color)	4282739602 (0xFF456B92)
YUV	100.0840, 22.6366, -27.2607
Hunter-Lab	37.1997, -3.2784, -20.4337

Details

The CIELCh color **44, 25.527, 266.010** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **49, 29.448, 69.620**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 25.557, 266.169**, and **24, 25.370, 265.813** is the 20% darker color. If you saturate the color by 10%, you get **41, 30.132, 269.048**, and if you desaturate by 10%, it is **47, 20.845, 263.417**.

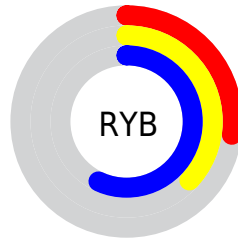
Distribution



Red (27%)

Green (42%)

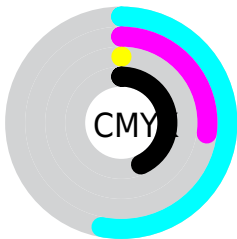
Blue (57%)



Red (27%)

Yellow (37%)

Blue (57%)

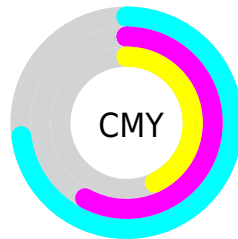


Cyan (53%)

Magenta (27%)

Yellow (0%)

Black (43%)



Cyan (73%)


Magenta (58%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 25.527, 266.010 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, 25.527, 266.010 by changing the saturation by 10% instead.


 44, 25.527,
266.010


 44, 25.527,
266.010


 100, 25.527,
266.010


 34, 25.527,
266.010

 64, 25.527,
266.010


 24, 25.527,
266.010

 74, 25.527,
266.010

 14, 25.527,
266.010

 84, 25.527,
266.010

 4, 25.527, 266.010

 94, 25.527,
266.010

 0, 25.527, 266.010

 44, 25.527,

 44, 25.527,

266.010

266.010

■ 41, 30.132,
269.048

■ 47, 20.845,
263.417

■ 38, 34.692,
272.552

■ 50, 16.080,
261.222

■ 35, 39.258,
276.494

■ 53, 11.237,
259.372

■ 33, 43.898,
280.774

■ 56, 6.331, 257.822

■ 31, 47.372,
283.785

■ 60, 1.379, 256.652

■ 63, 3.602, 75.226

■ 66, 8.595, 74.296

■ 69, 13.585, 73.464

■ 73, 18.561, 72.734

Harmonies

Complementary

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



44, 25.527, 266.010



49, 29.448, 69.620

Rectangle

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



44, 25.527, 266.010



44, 25.527, 316.010



44, 25.527, 86.010



44, 25.527, 136.010

Sweetspot

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



44, 25.526, 266.010



70, 9.773, 258.342



55, 35.779, 158.190



36, 6.571, 258.619



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, 25.526, 266.010



52, 37.259, 269.549



33, 48.250, 297.752



30, 2.838, 257.341



29, 45.175, 283.526



1, 2.492, 256.122

Inverse Universe

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



40, 37.660, 349.625



48, 53.947, 351.583



59, 41.778, 105.331



29, 4.051, 344.702



29, 53.646, 1.480



1, 3.504, 343.995

Previews

White Background



This preview shows how the CIE LCh color 44, 25.527, 266.010 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, 25.527, 266.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

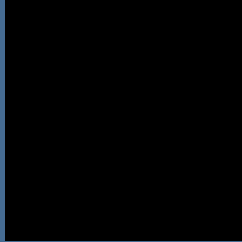
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

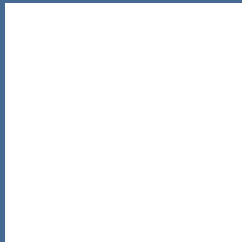
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 25.527, 266.010

Background



This preview shows how black text looks on a background with the CIELCh color 44, 25.527, 266.010.

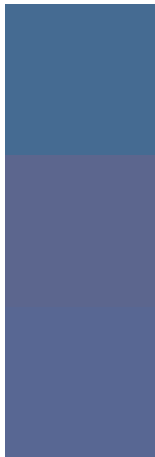


This preview shows how white text looks on a background with the CIELCh color 44, 25.527, 266.010.

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, 25.527, 266.010

Protanopia

44, 24.109, 285.407

Deuteranopia

44, 26.611, 283.144



Tritanopia
44, 18.014, 215.175

Trichromacy



Original Color
44, 25.527, 266.010

Protanomaly
44, 24.003, 277.431

Deuteranomaly
44, 26.460, 277.542

Tritanomaly
44, 18.926, 237.737

Monochromacy



Original Color
44, 25.527, 266.010

Achromatopsia
42, 0.006, 296.813

Achromatomaly
43, 9.796, 258.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 25.527, 266.010 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(69, 107, 146)` looks like.

```
.text, #text, p{  
    color:rgb(69, 107, 146)  
}
```

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(69, 107, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 107, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 25.527, 266.010 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(69, 107, 146) }
```

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

```
.border{ border-color:rgb(69, 107, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 107, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 107, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 107, 146);  
box-shadow:4px 4px 4px 4px rgb(69, 107,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 25.527, 266.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 107, 146) }
```

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

```
.background{ background-color: rgb(69, 107,  
146) }
```

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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