

Converting Colors

CIELCh(30, 25.931, 260.962)

Have a look what the booklet for
CIELCh(30, 25.931, 260.962)
contains.

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Color

CIELCh(30, 25.682, 259.947)

Conversions

Conversions Part 1

Format	Color
Hex	114B6E
RGB	17, 75, 110
RGB Percent	7%, 29%, 43%
CMY	0.9314, 0.7070, 0.5698
CMYK	0.84, 0.32, 0.00, 0.57
HSL	203°, 73%, 25%
HSV	203°, 84%, 43%
XYZ	5.5340, 6.2359, 15.5755
YIQ	61.6480, -45.8030, -1.4110

Conversions

Conversions Part 2

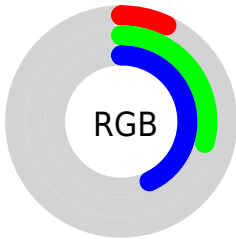
Format	Color
R_{YB}	17, 53, 110
Decimal	1133422
CIE _{Lab}	30.00, -4.48, -25.29
CIE _{LCh}	30, 25.682, 259.947
Yxy	6.2359, 0.2024, 0.2280
Android (android.graphics.Color)	4279323502 (0xFF114B6E)
YUV	61.6480, 23.8375, -39.1563
Hunter-Lab	24.9718, -4.1430, -19.5002

Details

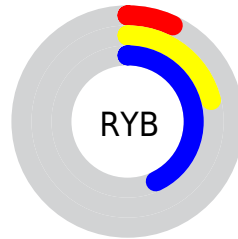
The CIELCh color **30, 25.682, 259.947** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **29, 39.509, 54.671**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 25.722, 259.075**, and **12, 22.536, 275.605** is the 20% darker color. If you saturate the color by 10%, you get **28, 27.950, 264.295**, and if you desaturate by 10%, it is **32, 23.312, 256.069**.

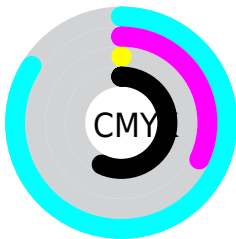
Distribution



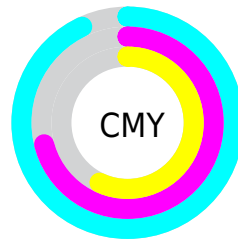
- Red (7%)
- Green (29%)
- Blue (43%)



- Red (7%)
- Yellow (21%)
- Blue (43%)



- Cyan (84%)
- Magenta (32%)
- Yellow (0%)
- Black (57%)





- Cyan (93%)
- Magenta (71%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 25.682, 259.947 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 30, 25.682, 259.947 by changing the saturation by 10% instead.


 30, 25.682,
259.947


 30, 25.682,
259.947

 100, 25.682,
259.947


 20, 25.682,
259.947


 50, 25.682,
259.947


 10, 25.682,
259.947

 60, 25.682,
259.947

 0, 25.682, 259.947

 70, 25.682,
259.947

 80, 25.682,
259.947

 90, 25.682,
259.947

■ 30, 25.682,
259.947

■ 30, 25.682,
259.947

■ 28, 27.950,
264.295

■ 32, 23.312,
256.069

■ 27, 29.352,
266.734

■ 33, 20.769,
252.747

■ 35, 18.021,
249.957

■ 37, 15.062,
247.641

■ 39, 11.905,
245.733

■ 41, 8.573, 244.166

■ 43, 5.093, 242.891

■ 45, 1.493, 241.957

Harmonies

Complementary

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



30, 25.682, 259.947



29, 39.509, 54.671

Rectangle

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



30, 25.682, 259.947



30, 25.682, 309.947



30, 25.682, 79.947



30, 25.682, 129.947

Sweetspot

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



30, 25.681, 259.948



53, 11.027, 244.398



40, 46.934, 147.366



26, 7.435, 244.789



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



30, 25.681, 259.948



36, 36.162, 268.238



16, 54.529, 299.723



22, 2.091, 242.356



30, 31.478, 267.280



61, 56.008, 270.401

Inverse Universe

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



24, 45.074, 346.486



31, 57.521, 350.499



41, 43.532, 95.415



22, 3.509, 338.268



25, 50.845, 349.982



54, 85.939, 351.721

Previews

White Background



This preview shows how the CIELCh color 30, 25.682, 259.947 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 30, 25.682, 259.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30, 25.682, 259.947

Background



This preview shows how black text looks on a background with the CIELCh color 30, 25.682, 259.947.



This preview shows how white text looks on a background with the CIELCh color 30, 25.682, 259.947.

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


30, 25.739, 259.714

Protanopia

30, 23.207, 285.038

Deuteranopia

30, 26.103, 279.419



Tritanopia
30, 20.789, 205.560

Trichromacy



Original Color
30, 25.739, 259.714

Protanomaly
30, 24.158, 273.285

Deuteranomaly
30, 26.250, 272.389

Tritanomaly
30, 20.329, 227.878

Monochromacy



Original Color
30, 25.739, 259.714

Achromatopsia
26, 0.004, 296.813

Achromatomaly
27, 10.889, 244.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 25.682, 259.947 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(17, 75, 110)` looks like.

```
.text, #text, p{  
    color:rgb(17, 75, 110)  
}
```

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(17, 75, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 75, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 25.682, 259.947 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(17, 75, 110) }
```

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

```
.border{ border-color:rgb(17, 75, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 75, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 75, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 75, 110);  
box-shadow:4px 4px 4px 4px rgb(17, 75,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 25.682, 259.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 75, 110) }
```

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

```
.background{ background-color: rgb(17, 75,  
110) }
```

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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