

Converting Colors

CIELCh(28, 22.066, 249.254)

Have a look what the booklet for
CIELCh(28, 22.066, 249.254)
contains.

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Color

CIELCh(28, 21.907, 248.786)

Conversions

Conversions Part 1

Format	Color
Hex	0B4761
RGB	11, 71, 97
RGB Percent	4%, 28%, 38%
CMY	0.9560, 0.7212, 0.6192
CMYK	0.88, 0.27, 0.00, 0.62
HSL	198°, 79%, 21%
HSV	198°, 88%, 38%
XYZ	4.5635, 5.4574, 12.1490
YIQ	56.0240, -44.1060, -4.6340

Conversions

Conversions Part 2

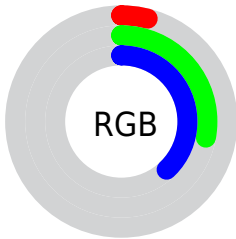
Format	Color
R_{YB}	11, 46, 97
Decimal	739169
CIE _{Lab}	28.00, -7.93, -20.42
CIE _{LCh}	28, 21.907, 248.786
Yxy	5.4574, 0.2058, 0.2462
Android (android.graphics.Color)	4278929249 (0xFF0B4761)
YUV	56.0240, 20.2012, -39.4860
Hunter-Lab	23.3610, -6.0127, -14.4812

Details

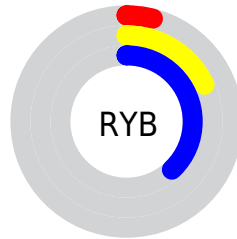
The CIELCh color **28, 21.907, 248.786** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **23, 38.856, 48.608**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 22.150, 249.459**, and **9, 17.594, 267.944** is the 20% darker color. If you saturate the color by 10%, you get **27, 23.349, 252.640**, and if you desaturate by 10%, it is **29, 20.386, 245.119**.

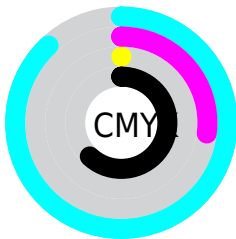
Distribution



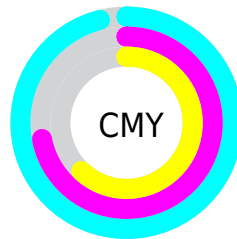
- Red (4%)
- Green (28%)
- Blue (38%)



- Red (4%)
- Yellow (18%)
- Blue (38%)



- Cyan (88%)
- Magenta (27%)
- Yellow (0%)
- Black (62%)





- Cyan (96%)
- Magenta (72%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 21.907, 248.786 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 28, 21.907, 248.786 by changing the saturation by 10% instead.

 28, 21.907,
248.786


 28, 21.907,
248.786

 100, 21.907,
248.786


 18, 21.907,
248.786


 48, 21.907,
248.786


 8, 21.907, 248.786

 58, 21.907,
248.786

 0, 21.907, 248.786

 68, 21.907,
248.786

 78, 21.907,
248.786

 88, 21.907,
248.786

 98, 21.907,

248.786

■ 28, 21.907,
248.786

■ 28, 21.907,
248.786

■ 27, 23.349,
252.640

■ 29, 20.386,
245.119

■ 27, 23.585,
253.199

■ 31, 18.618,
242.043

■ 32, 16.576,
239.509

■ 33, 14.262,
237.448

■ 35, 11.692,
235.786

■ 36, 8.896, 234.455

■ 38, 5.908, 233.399

■ 40, 2.761, 232.597

■ 41, 0.514, 51.222

Harmonies

Complementary

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



28, 21.907, 248.786



23, 38.856, 48.608

Rectangle

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



28, 21.907, 248.786



28, 21.907, 298.786



28, 21.907, 68.786



28, 21.907, 118.786

Sweetspot

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



28, 21.906, 248.787



48, 10.580, 234.384



36, 46.655, 144.327



23, 7.027, 234.645



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



28, 21.906, 248.787



35, 28.996, 254.890



14, 47.894, 297.842



19, 1.829, 232.625



31, 26.304, 254.145



65, 47.314, 257.550

Inverse Universe

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



21, 43.902, 342.153



27, 55.449, 344.407



35, 39.182, 90.291



18, 3.275, 334.924



24, 50.728, 344.122



53, 87.655, 345.461

Previews

White Background



This preview shows how the CIELCh color 28, 21.907, 248.786 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 CIELCh color 28, 21.907, 248.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

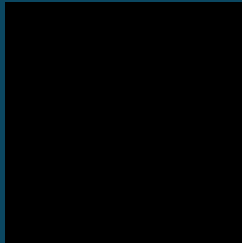
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 21.907, 248.786

Background



This preview shows how black text looks on a background with the CIELCh color 28, 21.907, 248.786.



This preview shows how white text looks on a background with the CIELCh color 28, 21.907, 248.786.

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
28, 21.907, 248.786

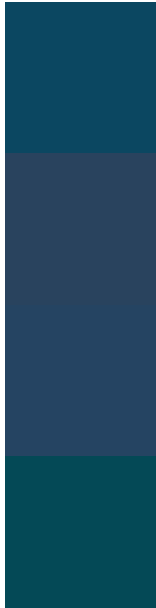
Protanopia
28, 17.585, 285.077

Deuteranopia
28, 21.025, 280.846



Tritanopia
28, 19.870, 206.095

Trichromacy



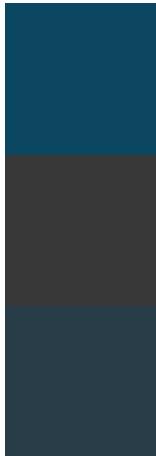
Original Color
28, 21.907, 248.786

Protanomaly
28, 19.065, 266.626

Deuteranomaly
28, 21.173, 266.430

Tritanomaly
28, 19.417, 223.060

Monochromacy



Original Color
28, 21.907, 248.786

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 10.195, 239.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 21.907, 248.786 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(11, 71, 97)` looks like.

```
.text, #text, p{  
    color:rgb(11, 71, 97)  
}
```

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(11, 71, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 71, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 21.907, 248.786 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(11, 71, 97) }
```

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

```
.border{ border-color:rgb(11, 71, 97) }
```

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

Here you see how a box with a 4 pixel rgb(11, 71, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 71, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 71, 97);  
box-shadow:4px 4px 4px 4px rgb(11, 71, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 21.907, 248.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 71, 97) }
```

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

```
.background{ background-color: rgb(11, 71,  
97) }
```

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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