

Converting Colors

CIELCh(27, 20.026, 251.958)

Have a look what the booklet for
CIELCh(27, 20.026, 251.958)
contains.

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Color

CIELCh(27, 20.176, 252.634)

Conversions

Conversions Part 1

Format	Color
Hex	17445D
RGB	23, 68, 93
RGB Percent	9%, 27%, 36%
CMY	0.9102, 0.7337, 0.6356
CMYK	0.75, 0.27, 0.00, 0.64
HSL	201°, 60%, 23%
HSV	201°, 75%, 36%
XYZ	4.3847, 5.0937, 11.0874
YIQ	57.3950, -34.8450, -1.7650

Conversions

Conversions Part 2

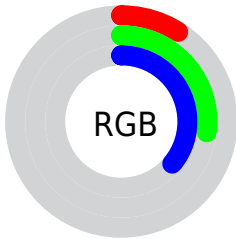
Format	Color
R_{YB}	23, 50, 93
Decimal	1524829
CIE Lab	27.00, -6.02, -19.26
CIE LCh	27, 20.176, 252.634
Yxy	5.0937, 0.2132, 0.2477
Android (android.graphics.Color)	4279714909 (0xFF17445D)
YUV	57.3950, 17.5533, -30.1644
Hunter-Lab	22.5692, -4.8178, -13.3286

Details

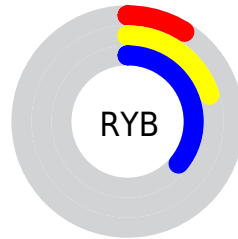
The CIELCh color **27, 20.176, 252.634** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **25, 30.534, 53.539**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 19.925, 252.394**, and **8, 17.550, 270.637** is the 20% darker color. If you saturate the color by 10%, you get **26, 22.079, 256.357**, and if you desaturate by 10%, it is **28, 18.093, 249.464**.

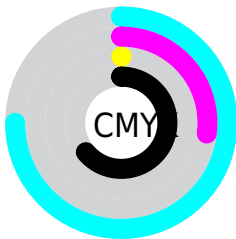
Distribution



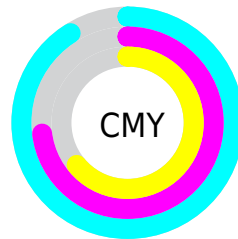
- Red (9%)
- Green (27%)
- Blue (36%)



- Red (9%)
- Yellow (20%)
- Blue (36%)



- Cyan (75%)
- Magenta (27%)
- Yellow (0%)
- Black (64%)





- Cyan (91%)
- Magenta (73%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 20.176, 252.634 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 27, 20.176, 252.634 by changing the saturation by 10% instead.


 27, 20.176,
252.634


 27, 20.176,
252.634


 100, 20.176,
252.634


 17, 20.176,
252.634

 47, 20.176,
252.634


 7, 20.176, 252.634

 57, 20.176,
252.634

 0, 20.176, 252.634

 67, 20.176,
252.634

 77, 20.176,
252.634

 87, 20.176,
252.634

 97, 20.176,

252.634

■ 27, 20.176,
252.634

■ 27, 20.176,
252.634

■ 26, 22.079,
256.357

■ 28, 18.093,
249.464

■ 24, 23.899,
260.410

■ 30, 15.809,
246.812

■ 24, 24.785,
262.130

■ 32, 13.322,
244.618

■ 33, 10.644,
242.815

■ 35, 7.799, 241.341

■ 37, 4.811, 240.144

■ 38, 1.707, 239.244

■ 40, 1.489, 58.075

■ 42, 4.756, 57.514

Harmonies

Complementary

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



27, 20.176, 252.634



25, 30.534, 53.539

Rectangle

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



27, 20.176, 252.634



27, 20.176, 302.634



27, 20.176, 72.634



27, 20.176, 122.634

Sweetspot

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



27, 20.175, 252.634



45, 8.750, 241.123



34, 38.371, 148.471



22, 6.074, 241.455



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



27, 20.175, 252.634



33, 28.002, 259.449



16, 41.267, 296.392



18, 1.756, 239.507



28, 28.189, 263.280



61, 51.796, 266.849

Inverse Universe

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



21, 37.841, 343.468



26, 50.013, 346.262



35, 34.941, 95.350



17, 3.009, 337.229



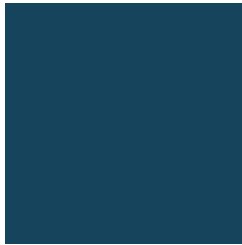
23, 48.374, 347.978



52, 84.237, 349.755

Previews

White Background



This preview shows how the CIELCh color 27, 20.176, 252.634 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 27, 20.176, 252.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

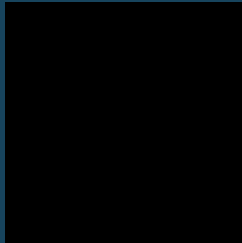
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 20.176, 252.634

Background



This preview shows how black text looks on a background with the CIELCh color 27, 20.176, 252.634.



This preview shows how white text looks on a background with the CIELCh color 27, 20.176, 252.634.

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

27, 20.176, 252.634

Protanopia

27, 17.034, 284.710

Deuteranopia

27, 20.434, 282.270



Tritanopia
27, 19.253, 208.523

Trichromacy



Original Color
27, 20.176, 252.634

Protanomaly
27, 17.471, 268.759

Deuteranomaly
27, 20.047, 270.571

Tritanomaly
27, 18.510, 224.719

Monochromacy



Original Color
27, 20.176, 252.634

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 8.532, 243.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 20.176, 252.634 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(23, 68, 93)` looks like.

```
.text, #text, p{  
    color:rgb(23, 68, 93)  
}
```

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(23, 68, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 68, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 20.176, 252.634 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(23, 68, 93) }
```

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

```
.border{ border-color:rgb(23, 68, 93) }
```

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

Here you see how a box with a 4 pixel rgb(23, 68, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 68, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 68, 93);  
box-shadow:4px 4px 4px 4px rgb(23, 68, 93)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 20.176, 252.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 68, 93) }
```

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

```
.background{ background-color: rgb(23, 68,  
93) }
```

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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