

Converting Colors

CIELCh(27, 18.804, 261.521)

Have a look what the booklet for
CIELCh(27, 18.804, 261.521)
contains.

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Color

CIELCh(27, 18.999, 262.647)

Conversions

Conversions Part 1

Format	Color
Hex	24425C
RGB	36, 66, 92
RGB Percent	14%, 26%, 36%
CMY	0.8574, 0.7399, 0.6379
CMYK	0.61, 0.28, 0.00, 0.64
HSL	208°, 43%, 25%
HSV	208°, 61%, 36%
XYZ	4.6533, 5.0937, 10.9408
YIQ	59.9940, -26.2260, 1.7260

Conversions

Conversions Part 2

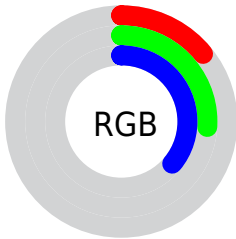
Format	Color
R_{YB}	36, 56, 92
Decimal	2376284
CIE _{Lab}	27.00, -2.43, -18.84
CIE _{LCh}	27, 18.999, 262.647
Yxy	5.0937, 0.2249, 0.2462
Android (android.graphics.Color)	4280566364 (0xFF24425C)
YUV	59.9940, 15.7790, -21.0427
Hunter-Lab	22.5692, -2.6928, -12.9434

Details

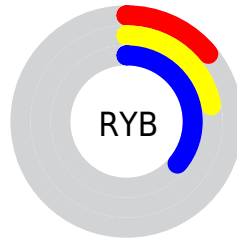
The CIELCh color **27, 18.999, 262.647** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **29, 23.290, 64.908**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 18.712, 261.910**, and **8, 17.537, 271.523** is the 20% darker color. If you saturate the color by 10%, you get **25, 21.839, 265.768**, and if you desaturate by 10%, it is **29, 16.073, 259.970**.

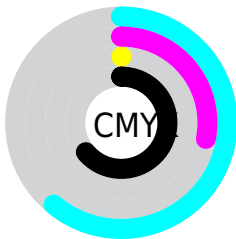
Distribution



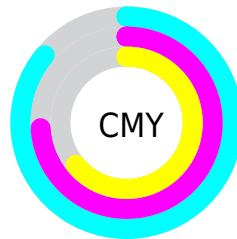
- Red (14%)
- Green (26%)
- Blue (36%)



- Red (14%)
- Yellow (22%)
- Blue (36%)



- Cyan (61%)
- Magenta (28%)
- Yellow (0%)
- Black (64%)



- Cyan (86%)
- Magenta (74%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 27, 18.999, 262.647 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, 18.999, 262.647 by changing the saturation by 10% instead.

■ 27, 18.999,
262.647

■ 27, 18.999,
262.647

■ 100, 18.999,
262.647

■ 17, 18.999,
262.647

■ 47, 18.999,
262.647

■ 7, 18.999, 262.647

■ 57, 18.999,
262.647

■ 0, 18.999, 262.647

■ 67, 18.999,
262.647

■ 77, 18.999,
262.647

■ 87, 18.999,
262.647

■ 97, 18.999,

262.647

■ 27, 18.999,
262.647

■ 27, 18.999,
262.647

■ 25, 21.839,
265.768

■ 29, 16.073,
259.970

■ 23, 24.617,
269.345

■ 31, 13.054,
257.696

■ 22, 27.375,
273.331

■ 33, 9.947, 255.776

■ 20, 30.065,
276.804

■ 35, 6.761, 254.159

■ 37, 3.511, 252.812

■ 39, 0.212, 252.642

■ 41, 3.123, 70.502

■ 43, 6.480, 69.679

■ 45, 9.849, 68.945

Harmonies

Complementary

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



27, 18.999, 262.647



29, 23.290, 64.908

Rectangle

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



27, 18.999, 262.647



27, 18.999, 312.647



27, 18.999, 82.647



27, 18.999, 132.647

Sweetspot

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



27, 18.998, 262.647



46, 7.326, 253.859



35, 29.179, 155.021



23, 5.122, 254.158



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, 18.998, 262.647



32, 27.812, 267.376



18, 36.345, 296.991



18, 1.845, 252.600



24, 34.567, 277.924



53, 64.621, 281.197

Inverse Universe

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



24, 30.051, 347.799



28, 42.715, 350.221



37, 31.303, 102.509



17, 2.790, 342.407



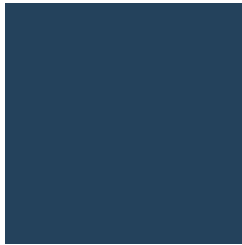
22, 46.149, 356.733



51, 80.672, 359.379

Previews

White Background



This preview shows how the CIELCh color 27, 18.999, 262.647 looks on a white background.

Color Contrast Check

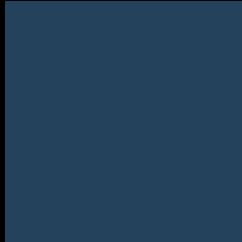
Large Text (above 18pt) WCAG AA ✓ Pass

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 27, 18.999, 262.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

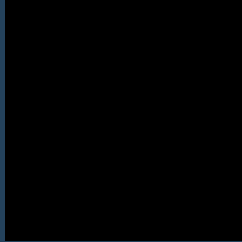
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

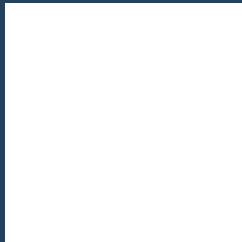
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 27, 18.999, 262.647

Background



This preview shows how black text looks on a background with the CIELCh color 27, 18.999, 262.647.



This preview shows how white text looks on a background with the CIELCh color 27, 18.999, 262.647.

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, 18.999, 262.647

Protanopia

27, 17.080, 283.531

Deuteranopia

27, 19.809, 281.689



Tritanopia
27, 14.579, 210.331

Trichromacy



Original Color
27, 18.999, 262.647

Protanomaly
27, 17.598, 274.731

Deuteranomaly
27, 19.564, 275.505

Tritanomaly
27, 14.526, 230.606

Monochromacy



Original Color
27, 18.999, 262.647

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 7.802, 256.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 18.999, 262.647 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(36, 66, 92)` looks like.

```
.text, #text, p{  
    color:rgb(36, 66, 92)  
}
```

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(36, 66, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 66, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 18.999, 262.647 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(36, 66, 92) }
```

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

```
.border{ border-color:rgb(36, 66, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 66, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 66, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 66, 92);  
box-shadow:4px 4px 4px 4px rgb(36, 66, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 18.999, 262.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 66, 92) }
```

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

```
.background{ background-color: rgb(36, 66,  
92) }
```

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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