

Converting Colors

CIELCh(26, 8.708, 264.304)

Have a look what the booklet for
CIELCh(26, 8.708, 264.304) contains.

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Color

CIELCh(26, 8.689, 264.247)

Conversions

Conversions Part 1

Format	Color
Hex	353F4A
RGB	53, 63, 74
RGB Percent	21%, 25%, 29%
CMY	0.7940, 0.7548, 0.7078
CMYK	0.30, 0.16, 0.00, 0.71
HSL	213°, 17%, 25%
HSV	213°, 30%, 29%
XYZ	4.4466, 4.7465, 7.2489
YIQ	61.2640, -9.4910, 1.3010

Conversions

Conversions Part 2

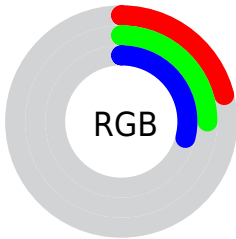
Format	Color
R_{YB}	53, 60, 74
Decimal	3489610
CIE Lab	26.00, -0.87, -8.65
CIE LCh	26, 8.689, 264.247
Yxy	4.7465, 0.2704, 0.2887
Android (android.graphics.Color)	4281679690 (0xFF353F4A)
YUV	61.2640, 6.2788, -7.2475
Hunter-Lab	21.7865, -1.6946, -4.4768

Details

The CIELCh color **26, 8.689, 264.247** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **28, 9.153, 76.741**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 8.157, 260.303**, and **6, 7.763, 260.122** is the 20% darker color. If you saturate the color by 10%, you get **24, 11.609, 266.081**, and if you desaturate by 10%, it is **28, 5.753, 262.669**.

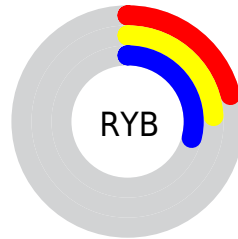
Distribution



Red (21%)

Green (25%)

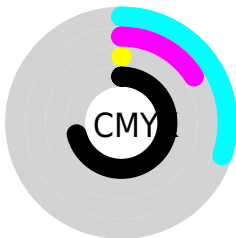
Blue (29%)



Red (21%)

Yellow (24%)

Blue (29%)

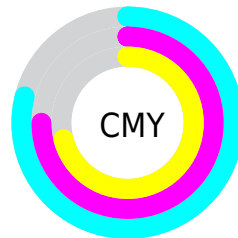


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (71%)



Cyan (79%)

Magenta (75%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 8.689, 264.247 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 26, 8.689, 264.247 by changing the saturation by 10% instead.

■ 26, 8.689, 264.247

■ 26, 8.689, 264.247

■ 100, 8.689,
264.247

■ 16, 8.689, 264.247

■ 46, 8.689, 264.247

■ 6, 8.689, 264.247

■ 56, 8.689, 264.247

■ 0, 8.689, 264.247

■ 66, 8.689, 264.247

■ 76, 8.689, 264.247

■ 86, 8.689, 264.247

■ 96, 8.689, 264.247

■ 26, 8.689, 264.247

■ 26, 8.689, 264.247

■ 24, 11.609,
266.081

■ 28, 5.753, 262.669

■ 22, 14.511,
268.216

■ 30, 2.808, 261.332

■ 32, 0.142, 78.937

■ 20, 17.397,
270.689

■ 34, 3.089, 79.010

■ 19, 20.276,
273.525

■ 36, 6.028, 78.136

■ 38, 8.953, 77.354

■ 17, 23.165,
276.729

■ 40, 11.861, 76.658

■ 15, 26.094,
280.224

■ 41, 14.747, 76.038

■ 43, 17.609, 75.481

■ 14, 29.150,
283.300

■ 13, 29.304,
283.437

Harmonies

Complementary

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



26, 8.689, 264.247



28, 9.153, 76.741

Rectangle

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



26, 8.689, 264.247



26, 8.689, 314.247



26, 8.689, 84.247



26, 8.689, 134.247

Sweetspot

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



26, 8.688, 264.244



39, 3.305, 261.313



30, 11.577, 163.033



19, 2.265, 261.409



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



26, 8.688, 264.244



33, 12.796, 265.467



23, 14.715, 294.459



14, 1.685, 261.236



20, 38.021, 285.571



47, 73.953, 288.826

Inverse Universe

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



25, 11.950, 348.687



31, 17.681, 349.410



31, 13.816, 109.069



14, 2.263, 346.773



20, 43.155, 3.495



49, 77.961, 7.080

Previews

White Background



This preview shows how the CIELCh color 26, 8.689, 264.247 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 26, 8.689, 264.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

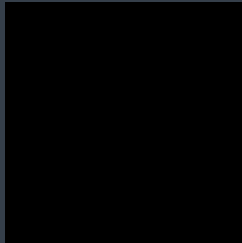
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

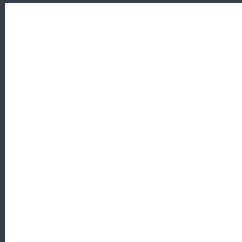
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 8.689, 264.247

Background



This preview shows how black text looks on a background with the CIELCh color 26, 8.689, 264.247.

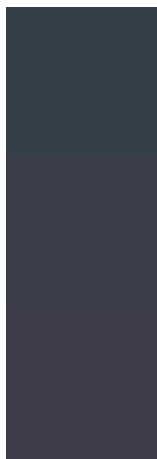


This preview shows how white text looks on a background with the CIELCh color 26, 8.689, 264.247.

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

26, 8.130, 261.833

Protanopia

26, 7.891, 285.725

Deuteranopia

26, 9.863, 294.563



Tritanopia
26, 6.202, 230.677

Trichromacy



Original Color
26, 8.130, 261.833

Protanomaly
26, 8.061, 277.019

Deuteranomaly
26, 9.227, 284.396

Tritanomaly
26, 6.797, 249.653

Monochromacy



Original Color
26, 8.130, 261.833

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 3.110, 256.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 8.689, 264.247 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(53, 63, 74)` looks like.

```
.text, #text, p{  
    color:rgb(53, 63, 74)  
}
```

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(53, 63, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 63, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 8.689, 264.247 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(53, 63, 74) }
```

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

```
.border{ border-color:rgb(53, 63, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 63, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 63, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 63, 74);  
box-shadow:4px 4px 4px 4px rgb(53, 63, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 8.689, 264.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 63, 74) }
```

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

```
.background{ background-color: rgb(53, 63,  
74) }
```

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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