

Converting Colors

CIELCh(25, 17.898, 148.621)

Have a look what the booklet for
CIELCh(25, 17.898, 148.621)
contains.

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Color

CIELCh(25, 17.623, 148.798)

Conversions

Conversions Part 1

Format	Color
Hex	27412D
RGB	39, 65, 45
RGB Percent	15%, 25%, 18%
CMY	0.8467, 0.7447, 0.8232
CMYK	0.40, 0.00, 0.31, 0.74
HSL	134°, 25%, 20%
HSV	134°, 40%, 26%
XYZ	3.2119, 4.4155, 3.1752
YIQ	54.9460, -9.0760, -11.7320

Conversions

Conversions Part 2

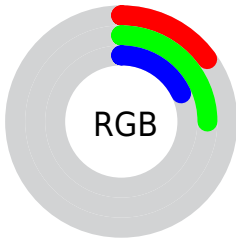
Format	Color
RYB	39, 60, 65
Decimal	2572589
CIELab	25.00, -15.07, 9.13
CIELCh	25, 17.623, 148.798
Yxy	4.4155, 0.2973, 0.4087
Android (android.graphics.Color)	4280762669 (0xFF27412D)
YUV	54.9460, -4.9034, -13.9846
Hunter-Lab	21.0130, -9.4888, 5.7502

Details

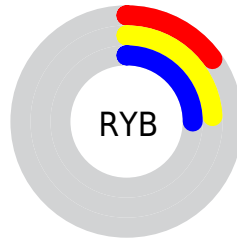
The CIELCh color **25, 17.623, 148.798** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **20, 17.724, 333.981**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **45, 17.529, 149.326**, and **6, 13.900, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **25, 21.876, 147.830**, and if you desaturate by 10%, it is **26, 13.252, 149.651**.

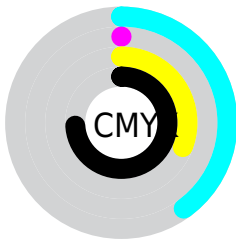
Distribution



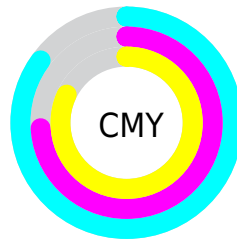
- Red (15%)
- Green (25%)
- Blue (18%)



- Red (15%)
- Yellow (24%)
- Blue (25%)



- Cyan (40%)
- Magenta (0%)
- Yellow (31%)
- Black (74%)




- Cyan (85%)
- Magenta (74%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 25, 17.623, 148.798 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 25, 17.623, 148.798 by changing the saturation by 10% instead.

 25, 17.623,
148.798


 25, 17.623,
148.798

 100, 17.623,
148.798


 15, 17.623,
148.798


 45, 17.623,
148.798


 5, 17.623, 148.798

 55, 17.623,
148.798

 0, 17.623, 148.798

 65, 17.623,
148.798

 75, 17.623,
148.798

 85, 17.623,
148.798

 95, 17.623,

148.798

■ 25, 17.623,
148.798

■ 25, 17.623,
148.798

■ 25, 21.876,
147.830

■ 26, 13.252,
149.651

■ 24, 25.941,
146.735

■ 26, 8.821, 150.404

■ 24, 29.747,
145.509

■ 27, 4.380, 151.079

■ 28, 0.028, 326.550

■ 24, 33.222,
144.156

■ 28, 4.374, 332.107

■ 23, 36.343,
142.769

■ 29, 8.634, 332.580

■ 30, 12.793,
332.993

■ 23, 39.285,
141.744

■ 23, 39.301,
141.739

■ 31, 16.841,
333.363

■ 32, 20.774,
333.696

Harmonies

Complementary

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



25, 17.623, 148.798



20, 17.724, 333.981

Rectangle

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



25, 17.623, 148.798



25, 17.623, 198.798



25, 17.623, 328.798



25, 17.623, 18.798

Sweetspot

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



25, 17.624, 148.798



35, 6.553, 150.911



26, 16.856, 116.308



17, 4.386, 150.888



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



25, 17.624, 148.798



32, 26.027, 147.823



25, 12.048, 173.609



12, 2.485, 151.170



35, 53.029, 140.467



78, 101.162, 139.028

Inverse Universe

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



20, 17.724, 333.981



24, 26.118, 334.641



19, 13.466, 1.210



12, 2.494, 332.061



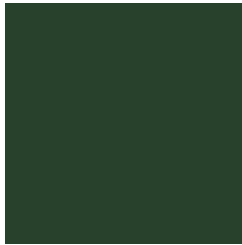
20, 48.116, 339.196



51, 87.676, 340.271

Previews

White Background



This preview shows how the CIELCh color 25, 17.623, 148.798 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 25, 17.623, 148.798 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 25, 17.623, 148.798

Background



This preview shows how black text looks on a background with the CIELCh color 25, 17.623, 148.798.



This preview shows how white text looks on a background with the CIELCh color 25, 17.623, 148.798.

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](#).

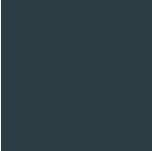
Dichromacy



Original Color
25, 17.623, 148.798

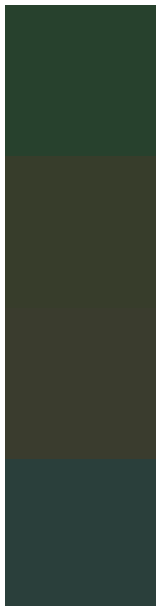
Protanopia
25, 11.392, 95.118

Deuteranopia
25, 8.909, 67.064



Tritanopia
25, 7.882, 223.214

Trichromacy



Original Color
25, 17.623, 148.798

Protanomaly
25, 12.089, 121.639

Deuteranomaly
25, 9.205, 114.258

Tritanomaly
25, 9.334, 181.319

Monochromacy



Original Color
25, 17.623, 148.798

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 7.053, 149.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 25, 17.623, 148.798 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(39, 65, 45)` looks like.

```
.text, #text, p{  
    color:rgb(39, 65, 45)  
}
```

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(39, 65, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 65, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 25, 17.623, 148.798 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(39, 65, 45) }
```

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

```
.border{ border-color:rgb(39, 65, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 65, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 65, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 65, 45);  
box-shadow:4px 4px 4px 4px rgb(39, 65, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 25, 17.623, 148.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 65, 45) }
```

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

```
.background{ background-color: rgb(39, 65,  
45) }
```

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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