

Converting Colors

CIELCh(21, 10.417, 251.668)

Have a look what the booklet for
CIELCh(21, 10.417, 251.668)
contains.

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Color

CIELCh(21, 10.410, 250.166)

Conversions

Conversions Part 1

Format	Color
Hex	233541
RGB	35, 53, 65
RGB Percent	14%, 21%, 25%
CMY	0.8641, 0.7935, 0.7465
CMYK	0.46, 0.19, 0.00, 0.75
HSL	204°, 30%, 19%
HSV	204°, 46%, 25%
XYZ	2.8840, 3.2451, 5.4231
YIQ	48.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

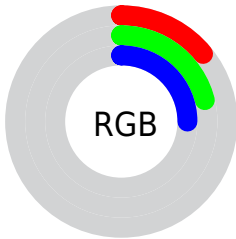
Format	Color
RYB	35, 46, 65
Decimal	2307393
CIELab	21.00, -3.53, -9.79
CIElCh	21, 10.410, 250.166
Yxy	3.2451, 0.2496, 0.2809
Android (android.graphics.Color)	4280497473 (0xFF233541)
YUV	48.9860, 7.8949, -12.2657
Hunter-Lab	18.0142, -2.9481, -5.2390

Details

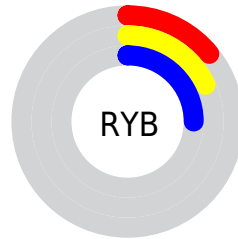
The CIELCh color **21, 10.410, 250.166** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21, 12.616, 59.851**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **41, 10.642, 252.213**, and **2, 8.426, 274.916** is the 20% darker color. If you saturate the color by 10%, you get **20, 12.400, 252.313**, and if you desaturate by 10%, it is **22, 8.314, 248.358**.

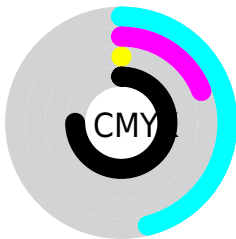
Distribution



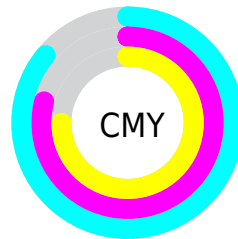
- Red (14%)
- Green (21%)
- Blue (25%)



- Red (14%)
- Yellow (18%)
- Blue (25%)



- Cyan (46%)
- Magenta (19%)
- Yellow (0%)
- Black (75%)



- Cyan (86%)
- Magenta (79%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 21, 10.410, 250.166 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 21, 10.410, 250.166 by changing the saturation by 10% instead.

■ 21, 10.410,
250.166

■ 21, 10.410,
250.166

■ 100, 10.410,
250.166

■ 11, 10.410,
250.166

■ 41, 10.410,
250.166

■ 1, 10.410, 250.166

■ 51, 10.410,
250.166

■ 0, 10.410, 250.166

■ 61, 10.410,
250.166

■ 71, 10.410,
250.166

■ 81, 10.410,
250.166

■ 91, 10.410,

250.166

■ 21, 10.410,
250.166

■ 21, 10.410,
250.166

■ 20, 12.400,
252.313

■ 22, 8.314, 248.358

■ 24, 6.125, 246.846

■ 18, 14.280,
254.857

■ 25, 3.856, 245.586

■ 17, 16.052,
257.839

■ 26, 1.521, 244.588

■ 28, 0.866, 63.314

■ 16, 17.732,
261.264

■ 29, 3.293, 62.708

■ 15, 19.458,
264.401

■ 31, 5.749, 62.071

■ 14, 20.109,
265.392

■ 32, 8.225, 61.511

Harmonies

Complementary

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



21, 10.410, 250.166



21, 12.616, 59.851

Rectangle

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



21, 10.410, 250.166



21, 10.410, 300.166



21, 10.410, 70.166



21, 10.410, 120.166

Sweetspot

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



21, 10.410, 250.164



33, 4.112, 245.387



25, 17.991, 154.099



16, 2.860, 245.501



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



21, 10.410, 250.164



26, 15.269, 252.796



16, 18.548, 290.907



12, 1.350, 244.774



23, 27.631, 268.847



55, 54.011, 272.999

Inverse Universe

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



18, 18.214, 342.151



22, 26.970, 343.356



26, 17.145, 100.571



12, 2.210, 339.131



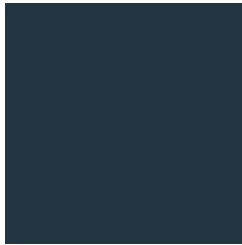
19, 43.515, 350.835



49, 79.180, 353.307

Previews

White Background



This preview shows how the CIELCh color 21, 10.410, 250.166 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 21, 10.410, 250.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

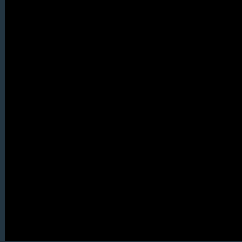
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

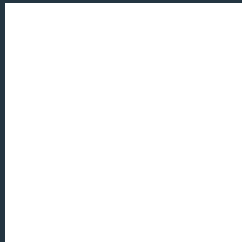
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 21, 10.410, 250.166

Background



This preview shows how black text looks on a background with the CIELCh color 21, 10.410, 250.166.



This preview shows how white text looks on a background with the CIELCh color 21, 10.410, 250.166.

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

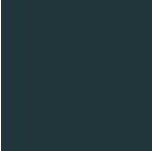
21, 10.410, 250.166

Protanopia

21, 8.851, 284.054

Deuteranopia

21, 10.184, 285.531



Tritanopia
21, 8.772, 216.060

Trichromacy



Original Color
21, 10.410, 250.166

Protanomaly
21, 9.260, 271.609

Deuteranomaly
21, 9.884, 273.269

Tritanomaly
21, 8.792, 225.783

Monochromacy



Original Color
21, 10.410, 250.166

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 4.234, 252.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 21, 10.410, 250.166 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(35, 53, 65)` looks like.

```
.text, #text, p{  
    color:rgb(35, 53, 65)  
}
```

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(35, 53, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 53, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 21, 10.410, 250.166 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(35, 53, 65) }
```

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

```
.border{ border-color:rgb(35, 53, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 53, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 53, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 53, 65);  
box-shadow:4px 4px 4px 4px rgb(35, 53, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 21, 10.410, 250.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 53, 65) }
```

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

```
.background{ background-color: rgb(35, 53,  
65) }
```

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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