

Converting Colors

CIELCh(35, 20.336, 218.114)

Have a look what the booklet for
CIELCh(35, 20.336, 218.114)
contains.

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Color

CIELCh(35, 20.337, 219.014)

Conversions

Conversions Part 1

Format	Color
Hex	185A66
RGB	24, 90, 102
RGB Percent	9%, 35%, 40%
CMY	0.9050, 0.6464, 0.5994
CMYK	0.76, 0.12, 0.00, 0.60
HSL	189°, 62%, 25%
HSV	189°, 76%, 40%
XYZ	6.4578, 8.4984, 13.9120
YIQ	71.6340, -43.1880, -10.2600

Conversions

Conversions Part 2

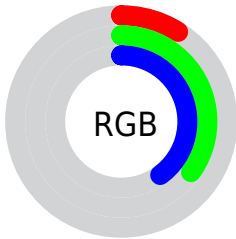
Format	Color
RYB	24, 60, 102
Decimal	1596006
CIELab	35.00, -15.80, -12.80
CIELCh	35, 20.337, 219.014
Yxy	8.4984, 0.2237, 0.2944
Android (android.graphics.Color)	4279786086 (0xFF185A66)
YUV	71.6340, 14.9704, -41.7750
Hunter-Lab	29.1520, -11.4744, -7.8882

Details

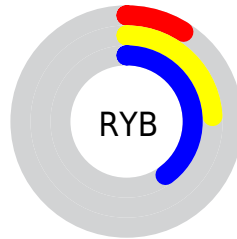
The CIELCh color **35, 20.337, 219.014** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24, 36.992, 38.629**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 20.252, 219.605**, and **16, 14.671, 229.325** is the 20% darker color. If you saturate the color by 10%, you get **34, 21.349, 220.823**, and if you desaturate by 10%, it is **36, 18.883, 217.592**.

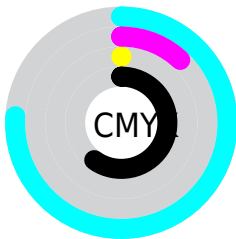
Distribution



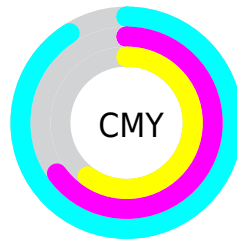
- Red (9%)
- Green (35%)
- Blue (40%)



- Red (9%)
- Yellow (24%)
- Blue (40%)



- Cyan (76%)
- Magenta (12%)
- Yellow (0%)
- Black (60%)





- Cyan (91%)
- Magenta (65%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 20.337, 219.014 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 35, 20.337, 219.014 by changing the saturation by 10% instead.


 35, 20.337,
219.014


 35, 20.337,
219.014

 100, 20.337,
219.014


 25, 20.337,
219.014

 55, 20.337,
219.014


 15, 20.337,
219.014


 65, 20.337,
219.014

 5, 20.337, 219.014

 75, 20.337,
219.014

 0, 20.337, 219.014

 85, 20.337,
219.014

 95, 20.337,
219.014

■ 35, 20.337,
219.014

■ 35, 20.337,
219.014

■ 34, 21.349,
220.823

■ 36, 18.883,
217.592

■ 34, 22.030,
222.959

■ 37, 16.991,
216.503

■ 33, 22.285,
223.734

■ 38, 14.689,
215.693

■ 39, 12.016,
215.114

■ 40, 9.023, 214.726

■ 41, 5.761, 214.500

■ 42, 2.279, 214.462

■ 44, 1.377, 34.036

■ 45, 5.167, 34.259

Harmonies

Complementary

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



35, 20.337, 219.014



24, 36.992, 38.629

Rectangle

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



35, 20.337, 219.014



35, 20.337, 269.014



35, 20.337, 39.014



35, 20.337, 89.014

Sweetspot

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



35, 20.336, 219.013



52, 9.867, 214.651



38, 48.505, 141.528



26, 6.717, 214.726



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



35, 20.336, 219.013



44, 26.352, 222.666



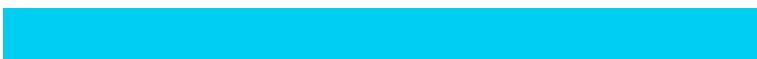
22, 34.104, 285.608



21, 2.022, 214.443



37, 24.187, 224.155



76, 41.891, 226.096

Inverse Universe

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



24, 46.766, 333.496



30, 61.962, 334.692



34, 33.871, 79.812



20, 3.802, 329.443



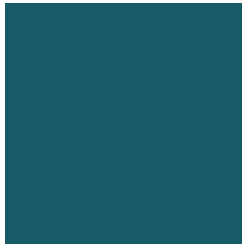
25, 57.111, 335.135



55, 98.361, 335.630

Previews

White Background



This preview shows how the CIELCh color 35, 20.337, 219.014 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 35, 20.337, 219.014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

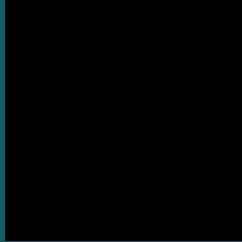
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

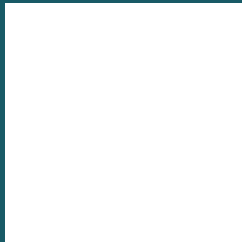
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 35, 20.337, 219.014

Background



This preview shows how black text looks on a background with the CIELCh color 35, 20.337, 219.014.

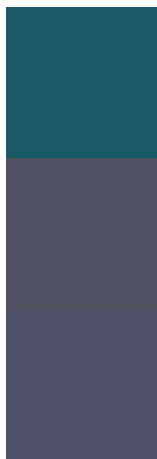


This preview shows how white text looks on a background with the CIELCh color 35, 20.337, 219.014.

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
35, 20.337, 219.014

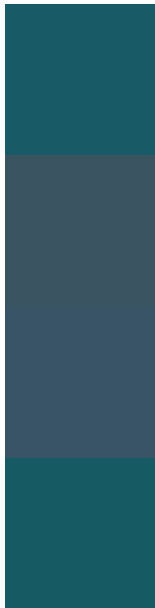
Protanopia
35, 9.394, 286.896

Deuteranopia
35, 14.381, 288.004



Tritanopia
35, 20.812, 209.150

Trichromacy



Original Color
35, 20.337, 219.014

Protanomaly
34, 12.391, 243.898

Deuteranomaly
34, 14.687, 253.194

Tritanomaly
35, 20.667, 212.928

Monochromacy



Original Color
35, 20.337, 219.014

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 9.607, 213.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 20.337, 219.014 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(24, 90, 102)` looks like.

```
.text, #text, p{  
    color:rgb(24, 90, 102)  
}
```

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(24, 90, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 90, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 20.337, 219.014 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(24, 90, 102) }
```

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

```
.border{ border-color:rgb(24, 90, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 90, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 90, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 90, 102);  
box-shadow:4px 4px 4px 4px rgb(24, 90,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 20.337, 219.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 90, 102) }
```

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

```
.background{ background-color: rgb(24, 90,  
102) }
```

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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